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TURCK



Ford CX740 E-Car Cologne

Project Manual

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Electrical Component Approved Source List



No	Typ ID	ID	Description
593	BIM-IKM-AP6X2-H1141/S34	46272	Magnet inductive switch
594	BL67-2RFID-S	682705	RFID interface for BL67, 2 channels, usable for HF read/write heads and UHF readers, BL67 base module and gateway BL67-GW-EN necessary, function block for Rockwell available (Dave Green), RFID HF already in use in existing Craiova installations
595	LI200P0-Q25LM0-ELIUPN8X3-H1151	1590604	Inductive linear position sensor 200 mm with universal outputs: analog, IO-Link and 2 digital (4 zones) Use in combination with P1-LI-Q25L 6901041 guided positioning element
596	NIMFE-M12/4,6L88-UP6X-H1141	1600608	Switch for detection from weld nut presence - starting from M6
597	NIMFE-M12/6,2L101-UP6X-H1141	1600609	Switch for detection from weld nut presence - starting from M8
598	NIMFE-EM12/4,0L60-L60-UP6X-H1141/S1182	1600621	Switch for detection from weld nut presence - short version- starting from M5
599	Bi50U-Q80-AP6X2-H1141	1608940	Preferred prox. switch (square) of U-ES 002 uprox
600	RU40U-M18M-UP8X2-H1151	1610008	Ultrasonic sensor M18, diffuse mode sensor, sensing range: 2.5...40 cm
601	RU130U-M18M-UP8X2-H1151	1610014	Ultrasonic sensor M18, diffuse mode sensor, sensing range: 15...130 cm
602	RU40U-M18ES-LIU2PN8X2T-H1151	1610025	Ultrasonic sensor M18, diffuse mode sensor, side view, sensing range: 2.5...40 cm, teach via pushbutton or from externally, 2-PNP digital out, analog and IO-Link
603	RU130U-M18ES-LIU2PN8X2T-H1151	1610027	Ultrasonic sensor M18, diffuse mode sensor, side view, sensing range: 15...130 cm, teach via pushbutton or from externally, 2-PNP digital out, analog and IO-Link
604	Ni75U-Q80-AP6X2-H1141	1625855	Preferred prox. switch (square) of U-ES 002 uprox
605	Bi15U-CK40-AP6X2-H1141	1625600	Preferred prox. switch (M30) of U-ES 002 uprox
606	Bi30U-CK40-AP6X2-H1141	1625829	Preferred prox. switch (square) of U-ES 002 uprox+
607	Bi30U-CP40-AP6X2	1625830	For conveyors only, with terminal chamber uprox+
608	Ni50U-CK40-AP6X2-H1141	1625837	Preferred prox. switch (square) of U-ES 002 uprox+ flush mounting possible with reduced distance
609	NI100U-K90SR-VP4X2-H1141	1625844	Prox. switch with extended switching distance
610	Bi20U-CA40-AP6X-H1141	1627200	Only for critical weld applications (die cast housing GD-ALSI 12)
611	Bi3U-MT12-AP6X-H1141	1634240	Preferred prox. switch (M12) of U-ES 002 uprox
612	Bi4U-MT12-AP6X-H1141	1634809	Preferred prox. switch (M12) of U-ES 002 uprox+
613	Bi5U-MT18-AP6X-H1141	1635240	Preferred prox. switch (M18) of U-ES 002 uprox
614	Bi5U-Q12-AP6X2-H1141	1635526	Prox. switch (Q12) rectangular
615	Bi10U-MT30-AP6X-H1141	1636240	Preferred prox. switch (M30) of U-ES 002 uprox
616	Bi15U-MT30-AP6X-H1141	1636734	Preferred prox. switch (M30) of U-ES 002 uprox+
617	Ni8U-MT12-AP6X-H1141	1644240	Preferred prox. switch (M12) of U-ES 002 uprox
618	Bi8U-MT18-AP6X-H1141	1644730	Preferred prox. switch (M18) of U-ES 002 uprox+
619	Ni12U-MT18-AP6X-H1141	1645240	Preferred prox. switch (M18) of U-ES 002 uprox
620	Ni20U-MT30-AP6X-H1141	1646240	Preferred prox. switch (M30) of U-ES 002 uprox



No	Typ ID	ID	Description
621	NI4-DSC26-2AP6X2-H1141	1650087	Inductive valve switch with NO and NC output for water and air panels - to combine with BTS-DSC26-EB1 (53 mm) or EB2 (62 mm) puck
622	Q4XTKLAF300-Q8	3095301	Banner laser distance sensor, diffuse triangulation, 25...300 mm PNP switching out and PNP switching out with IO-Link, dual mode functionality and reliability by distance and light intensity
623	Q4XTKLAF600-Q8	3801918	Banner laser distance sensor, diffuse triangulation, 25...600 mm PNP switching out and PNP switching out with IO-Link, dual mode functionality and reliability by distance and light intensity
624	LE550KQ	3097761	Banner laser distance sensor, diffuse triangulation, 100...1000 mm, PNP switching output with IO-Link, 2-line 8-segment display
625	NICP-M30-IOL2P8X-H1141	4300101	Inductive coupler for power and data primary side with IO-Link and 2 PNP outputs in M30 barrel (needs to be combined with a secondary side unit)
627	NICS-M30-IOL2P8-0,3-RKC4.4T	4300301	Inductive coupler for power and data secondary side in M30 barrel (needs to be combined with a primary side unit), can be used with all IO-Link masters, high deviation in position and angle allowed, higher distance between prim and sec part
629	BIM-NST-AP6X-H1141/S34	4685401	Magnet inductive switch for short cylinders
630	BIM-UNT-AP6X-0,3-RS4	4685725	Magnet inductive switch
631	NI20-Q14-AP6X2-V1131	4690210	Preferred prox. switch (rectangular)
633	RK4.5T-5-RS4.5T/S2500	6699201	BLident cable - 5 m - between interface/base and read/write device for BL67, other lengths up to 50 m available
634	TBEN-L1-16DIP	6814005	IP67 multiprotocol I/O module for EtherNet/IP, 16 digital inputs with diagnostics, built-in web server, integrated switch, EIP QuickConnect functionality, bus in-out M12 D-coded, power in-out 7/8", 5 pin (for reuse lines only)
635	TBEN-L1-8DIP-8DOP	6814006	IP67 multiprotocol I/O module for EtherNet/IP, 8 digital inputs and 8 digital outputs 2 A, with diagnostics, 2 separated power groups, built-in web server, integrated switch, EIP QuickConnect functionality, bus in-out M12 D-coded, power in-out 7/8", 5 pin (for reuse lines only)
636	TBEN-L1-16DOP	6814007	IP67 multiprotocol I/O module for EtherNet/IP, 16 digital outputs 2 A, with diagnostics, built-in web server, integrated switch, EIP QuickConnect functionality, bus in-out M12 D-coded, power in-out 7/8", 5 pin (for reuse lines only)
637	TBEN-L1-16DXP	6814008	IP67 multiprotocol I/O module for EtherNet/IP, 16 configurable digital channels with diagnostics, 2 A for outputs, 2 separated power groups, built-in web server, integrated switch, EIP QuickConnect functionality, bus in-out M12 D-coded, power in-out 7/8", 5 pin (for reuse lines only)
638	TBEN-S1-8DIP	6814020	Compact IP67 multiprotocol I/O module for EtherNet/IP, 8 digital inputs, built-in web server, integrated switch, EIP QuickConnect functionality, bus in-out M8, power in-out M8, 4 pin Only for robot End-of-Arm tooling!
639	TBEN-S1-4DIP-4DOP	6814021	Compact IP67 multiprotocol I/O module for EtherNet/IP, 4 digital inputs and 4 digital outputs (2 A), built-in web server, integrated switch, EIP QuickConnect functionality, bus in-out M8, power in-out M8, 4 pin Only for robot End-of-Arm tooling!



No	Typ ID	ID	Description
640	TBEN-S1-8DOP	6814022	Compact IP67 multiprotocol I/O module for EtherNet/IP, 8 digital outputs (0.5 A), built-in web server, integrated switch, EIP QuickConnect functionality, bus in-out M8, power in-out M8, 4 pin Only for robot End-of-Arm tooling!
641	TBEN-S1-8DXP	6814023	Compact IP67 multiprotocol I/O module for EtherNet/IP, 8 configurable digital channels, outputs (0.5A), built-in web server, integrated switch, EIP QuickConnect functionality, bus in-out M8, power in-out M8, 4 pin Only for robot End-of-Arm tooling!
642	TBEN-S2-4IOL	6814024	Compact IP67 multiprotocol I/O module for EtherNet/IP, 4 IO-Link master channels and 4 configurable digital channels, 0.5 A for outputs, built-in web server, integrated switch, bus in-out M8, power in-out M8, 4 pin Only for robot End-of-Arm tooling!
643	TBEN-L5-EN 1	6814035	Ethernet spanner in IP67 TBEN block I/O housing for data exchange between 2 EtherNet/IP networks, NAT router with 16 digital inputs, built-in web server, bus connection M12 D-coded, power in-out 7/8", 5 pin (for reuse lines only)
644	TBEN-L1-FDIO1-2IOL	6814050	IP67 safety I/O module for SafeCrossCommunication over EtherNet, non-safe I/O and status multiprotocol, I/O: in case SIL3 (2FDI and 2FDO), in case SIL2 (4FDI and 2FDO (or 4FDI instead of 2FDO)), 6 configurable digital non-safe channels and 2 IO-Link master channels (or normal DI), integrated switch, built-in web server, bus in-out M12 D-coded, power in-out 7/8", 5 pin (for reuse lines only)
645	TBIL-M1-16DXP	6814102	IP67 I/O hub for IO-Link with 16 configurable digital channels, Class A
646	FLIB-IOM124-0002	6825366	IP67 robot I/O module for Interbus S with 12DI and 4DO 2 A, power and bus connection via 17 pin multibus 1 in and out
647	BL20-PF-24 VDC	6827007	BL20 electronic modules, power feeding module with diagnostics function
648	BL67-8DI-P	6827170	BL67 Electronic Module, 8 digital inputs, 24 VDC, usable for QuickConnect applications
649	BL67-4DI-P	6827171	BL67 Electronic Module, 4 digital inputs, 24 VDC, usable for QuickConnect applications
650	BL67-8DO-0.5A-P	6827172	BL67 Electronic Module, 8 digital outputs 0.5 A, with channel diagnostics, usable for QuickConnect applications
651	BL67-4DO-2A-P	6827174	BL67 Electronic Module, 4 digital outputs 2 A, with channel diagnostics, usable for QuickConnect applications
652	BL67-PF-24 VDC	6827182	BL67 Electronic Modules, power feeding module with diagnostics function
653	BL67-B-2M12	6827186	BL67 base module, 2 × M12 connector, 5 pin
654	BL67-B-4M12-P	6827187	BL67 base module, 4 × M12 connector, 5 pin, paired
655	BL67-B-1RSM	6827190	BL67 base module, 1 × 7/8" connector, 5 pin
656	BL67-B-2M12-P	6827194	BL67 base module, 2 × M12 connector, 5 pin, paired
657	BL67-B-1M23-12	6827213	BL67 base module, 1 × M23 connector, 12 pin



No	Typ ID	ID	Description
658	BL67-GW-EN	6827214	Gateway multiprotocol in IP67 for BL67 I/O modular system and RFID system, interface for EtherNet/IP with integrated switch and EIP Quick-Connect functionality
659	BL67-B-1M23-19	6827216	BL67 base module, 1 × M23 connector, 19 pin, jumpercable see further CSM CKM 19...
660	BL67-16DO-0.1A-P	6827221	BL67 Electronic Module, 16 digital outputs 0.1 A, with channel diagnostics, usable for QuickConnect applications
661	BL20-E-8DO-24 VDC-0.5A-P	6827226	BL20 electronic module, 8 digital outputs 0.5 A
662	BL20-E-8DI-24 VDC-P	6827227	BL20 electronic module, 8 digital inputs, 24 VDC
663	BL67-8XSG-P	6827310	BL67 Electronic Module, 8 configurable digital channels, 0.5 A for outputs, usable for QuickConnect applications
664	BL20-E-GW-EN	6827329	Gateway multiprotocol (> V03.00) in IP20 for BL20 I/O modular system and RFID system, interface for EtherNet/IP with integrated switch
665	BL67-E	6827347	Dummy module/blind cover
666	BL67-4IOL	6827386	BL67 Electronic Module, 4 IO-Link master channels and 4 configurable digital channels, 0.5 A for outputs
669	TS-516-LI2UPN8X-H1141-L016	6840026	Temperature sensor range -50...+150 °C with switching output or IO-Link on output 1 and switching output or analog output on output 2, display on board (rotatable after mounting), sensor length 16 mm
670	TS-516-LI2UPN8X-H1141-L050	6840028	Temperature sensor range -50...+150 °C with switching output or IO-Link on output 1 and switching output or analog output on output 2, display on board (rotatable after mounting), sensor length 50 mm, L050 for air/water panels only
671	TW-R50-K2	6900507	HF tag, read/write, 2 K bytes memory size, spacer DS-R50 6900507 necessary for indirect mounting HF tag on metal
672	PN-M30	6905308	Screw cap for threaded barrel sensors M30
673	PN-M12	6905309	Screw cap for threaded barrel sensors M12
674	PN-M18	6905310	Screw cap for threaded barrel sensors M18
675	FEN 20-16DXP	6931089	IP20 multiprotocol compact stand alone fieldbus station for EtherNet/IP, 16 configurable digital channels, 1 A for outputs, 3 separated power groups, integrated switch, EIP QuickConnect functionality, bus in-out RJ45, built-in web server
676	FEN 20-4DIP-4DXP	6931090	IP20 multiprotocol compact stand alone fieldbus station for EtherNet/IP, 4 DI and 4 configurable digital channels, 1 A for outputs, integrated switch, EIP QuickConnect functionality, bus in-out RJ45, built-in web server
677	VB2-M23ST-M23KU-RKF50-01	6931776	Splitter 17 pin for MultiBus1: M23 male connector (external thread) to M23 female connector (external thread) and 7/8" female flanch in order to branch-off 24 VDC (UB and UL) out of the multibus robot cable
678	VB2-M23ST-M23KU-RKF50-02	6932156	Splitter 17 pin for MultiBus1: M23 male connector (external thread) to M23 female connector (internal thread) and 7/8" female flanch in order to branch-off 24 VDC (UB and UL) out of the multibus robot cable Possible to mount direct on the I/O block
679	KLN3	6970504	Clamp for magnet inductive switch
680	KLI5	6971802	Clamp for magnet inductive switch
681	TNLR-Q80-H1147	7030230	HF read/write head, rectangular 80 × 80 mm, 40 mm height



No	Typ ID	ID	Description
682	TNSLR-Q80WD-H1147	7030418	HF read/write head, rectangular 80 × 80 mm, 40 mm height, 70 % higher range comparing to TNLQ-Q80-H1147
683	TNSLR-Q42TWD-H1147	7030424	HF read/write head, compact rectangular 42,5 × 42,5, 68 mm height
685	TBEN-L5-8IOL	6814017	IP67 multiprotocol I/O module for EtherNet/IP, 8 IO-Link master channels and 8 configurable digital channels with diagnostics, 2 A for outputs, integrated switch, built-in web server, bus in-out M12 D-coded, power in-out 7/8", 5 pin (for reuse lines only)
687	PSGS4M-PSGS4M-4416-*M (M8-M8) PSGS4M-RJ45S-4416-*M (RJ45-M8) RSSD-PSGS4M-4416-*M (M12-M8)		EtherNet/IP connectivity, premoulded cabling preferred, IP67, M8 with anti-vibration protection, M8 connector: straight, Ethernet cable: 4 pin, AWG 22 CAT 5E, jacket material: PUR halogen free, color: green, flame-retardant acc. to IEC 60332-1-2, trailing-drag chain capable, shielding over 360°, CE and UL approved, UV resistant
688	AB7675		HMS Anybus X gateway Interbus slave/EtherNet/IP scanner (to connect EtherNet/IP slave devices, as Turck BL67-GW-EN, on existing lines with interbus)
689	RSM50-RKM40-RKM50/CS16132	U2-29563	T-Adapter 5 pin 7/8" in and out to 4 pin 7/8" female, closure caps RKF-CC (female) and RSF-CC (male) with eyelet available
690	RSM40-RKM50-RKM40/CS16131	U2-29562	T-Adapter 4 pin 7/8" in and out to 5 pin 7/8" female, closure caps RKF-CC (female) and RSF-CC (male) with eyelet available
691	RSSD-RSSD-4416-*M (M12-M12) RSSD-RJ45S-4416-*M (M12-RJ45) RJ45S-RJ45S-4416-*M (RJ45-RJ45)		EtherNet/IP connectivity, premoulded cabling preferred, IP67, M12 D-coded with anti-vibration protection, RJ45 version premoulded, M12 connector: straight, Ethernet cable: 4 pin, AWG 22 CAT 5E, jacket material: PUR halogen-free, color: green, flame-retardant acc. to IEC 60332-1-2, trailing-drag chain capable, shielding over 360°, CE and UL approved, UV resistant
692	RSS-RSS-841-*M (M12-M12) RSS-RJ45S-841-*M (M12-RJ45) RJ45S-RJ45S-841-*M (RJ45-RJ45)		EtherNet/IP connectivity, premoulded cabling preferred, IP67, M12 A-coded with anti-vibration protection, RJ45 version premoulded, M12 connector: straight, Ethernet cable: 8 pin, AWG 24, jacket material: PUR, color: green, flame-retardant, trailing-drag chain capable, shielding over 360°, UV resistant
693			EtherNet/IP connectivity, premoulded cabling preferred, IP67, M12 D-coded with anti-vibration protection, M12 connector: straight, Ethernet cable: 4 pin, AWG 22/7 acc. to ISO/IEC 11801 CAT 5E, sheath material: PUR halogen-free, color: green, flame-retardant acc. IEC 60332-1, trailing-drag chain capable, shielding over 360°, UL approved, UV resistant
694			EtherNet/IP connectivity, premoulded cabling preferred, IP67, M8 with anti-vibration protection, M8 connector: straight, Ethernet cable: 4 pin, AWG 26 CAT 5E acc. to ISO/IEC 11801, EN 50173, EIA/TIA 568-A, sheath material: PUR halogen free, color: green, flame-retardant acc. to IEC 60332-1, trailing-drag chain capable, shielding over 360°, UL approved, UV resistant
780	TL50...KQ		Banner towerlight multicolor IO-Link controlled in IP67, IO-Link gives full access to color, flashing, rotating, dimming, up to 10 segments available (... = number = segment quantity)
781	TL50 ACCESSORIES		Tower light accessories for TL50: legend plate, riser, bracket ...
788	Bi20U-CK40-AP6X2-H1141	1627233	Preferred prox. switch (M30) of U-ES 002 uprox



No	Typ ID	ID	Description
789	Q5XKLAF2000-Q8	3803693	Banner laser distance sensor, diffuse with background suppression, 10...2000 mm dual discrete digital PNP switching out, IO-Link, very reliable on shiny and black targets at angle and low sensitivity to color variations
791	TBIP-LL-FDIO1-2IOL	100027260	IP67 safety I/O module for CIP-safe over EtherNet/IP, IO: in case SIL3 (2FDI and 2FDO), in case SIL2 (4FDI and 2FDO (or 4FDI instead of 2FDO)), 6 configurable digital non-safe channels and 2 IO-Link master channels (or normal DI), integrated switch, built-in web server, bus in-out M12 D-coded, power in-out M12, 5 pin L-coded, EIP QuickConnect functionality
792	TBIP-LL-4FDI-4FDX	100027259	IP67 safety I/O module for CIP-safe over EtherNet/IP, SIL3 inputs (4FDI) and SIL3 inputs or outputs (4FDX), integrated switch, built-in web server, bus in-out M12 D-coded, power in-out M12, 5 pin L-coded, EIP QuickConnect functionality
860	Bi3U-EMT08-AP6X-H1341	4602156	Prox. switch (M8) of uprox3, for Sealer Nozzle TCP only!
861	Bi4-M12-2APS8X2-H1141	100016606	SIL2, PL d inductive safety switch in M12 with 2 OSSD outputs, flush mountable, 4 mm rated switching distance, 3.2 mm secured switched-on distance, 6 mm secured switched-off distance
862	Bi8-M18-2APS8X2-H1141	100016607	SIL2, PL d inductive safety switch in M18 with 2 OSSD outputs, flush mountable, 8 mm rated switching distance, 6.5 mm secured switched-on distance, 12 mm secured switched-off distance
863	Bi12-M30-2APS8X2-H1141	100016608	SIL2, PL d inductive safety switch in M30 with 2 OSSD outputs, flush mountable, 12 mm rated switching distance, 9.6 mm secured switched-on distance, 18 mm secured switched-off distance
864	TBEN-L5-SE-M2	100004425	IP67 managed Ethernet switch, 8 × 100-Mbit Ports (4 pin D-coded), 2 × 1-Gbit Ports DLR Ring (8 pin X-coded), webbased management, quick link-up, separated groups for safety shut down, network load monitoring, cable diagnostics, power in-out 7/8", 5 pin (for reuse lines only)
865	TBEN-L5-4RFID-8DXP	10000836	IP67 multiprotocol RFID and I/O module for EtherNet/IP, 4 RFID channels (for HF read/write heads and UHF readers), 8 digital channels configurable as PNP inputs and/or 2 A outputs, built-in web server, integrated switch, bus in-out M12 D-coded, power in-out 7/8", 5 pin (for reuse lines only)
866	TBEN-LL-4RFID-8DXP	100002463	IP67 multiprotocol RFID and I/O module for EtherNet/IP, 4 RFID channels (for HF read/write heads and UHF readers), 8 digital channels configurable as PNP inputs and/or 2 A outputs, built-in web server, integrated switch, bus in-out M12 D-coded, power in-out M12, 5 pin, L-coded
867	TBEN-LL-16DIP	100004250	IP67 multiprotocol I/O module for EtherNet/IP, 16 digital inputs with diagnostics, built-in web server, integrated switch, EIP QuickConnect functionality, bus in-out M12 D-coded, power in-out M12, 5 pin L-coded
868	TBEN-LL-8DIP-8DOP	100004251	IP67 multiprotocol I/O module for EtherNet/IP, 8 digital inputs and 8 digital outputs 2 A with diagnostics, 2 separated power groups, built-in web server, integrated switch, EIP QuickConnect functionality, bus in-out M12 D-coded, power in-out M12, 5 pins L-coded
869	TBEN-LL-16DOP	100021342	IP67 multiprotocol I/O module for EtherNet/IP, 16 digital outputs 2 A with diagnostics, built-in web server, integrated switch, EIP QuickConnect functionality, bus in-out M12 D-coded, power in-out M12, 5 pin L-coded



No	Typ ID	ID	Description
870	TBEN-LL-16DXP	100004252	IP67 multiprotocol I/O module for EtherNet/IP, 16 configurable digital channels with diagnostics, 2 A for outputs, 2 separated power groups, built-in web server, integrated switch, EIP QuickConnect functionality, bus in-out M12 D-coded, power in-out M12, 5 pin L-coded
871	TBEN-LL-8IOL	100003910	IP67 multiprotocol I/O module for EtherNet/IP, 8 IO-Link master channels and 8 configurable digital channels with diagnostics, 2 A for outputs, integrated switch, built-in web server, bus in-out M12 D-coded, power in-out M12, 5 pin L-coded
872	TBIP-L5-FDIO1-2IOL	6814056	IP67 safety I/O module for CIP-safe over EtherNet/IP, IO: in case SIL3 (2FDI and 2FDO), in case SIL2 (4FDI and 2FDO (or 4FDI instead of 2FDO)), 6 configurable digital non-safe channels and 2 IO-Link master channels (or normal DI), integrated switch, built-in web server, bus in-out M12 D-coded, power in-out 7/8", 5 pin, EIP QuickConnect functionality (for reuse lines only)
873	LTF24KC2LDQ	3803280	Banner laser distance sensor, diffuse time-of-light, 0.5...24 m, PNP switching out and PNP switching out with IO-Link, 2-line 8-segment display
874	TBEN-LL-SE-M2	100004427	IP67 managed Ethernet switch, 8 × 100-Mbit Ports (4 pin D-coded), 2 × 1-Gbit Ports DLR-ring (8 pin X-coded), webbased management, quick link-up, separated groups for safety shut down, network load monitoring, cable diagnostics, power in-out M12, 5 pin L-coded
876	TBIP-L5-4FDI-4FDX	100001828	IP67 safety I/O module for CIP-safe over EtherNet/IP, SIL3 inputs (4FDI) and SIL3 inputs or outputs (4FDX), integrated switch, built-in web server, bus in-out M12 D-coded, power in-out 7/8", 5 pin, EIP QuickConnect functionality
877	RKM50-FSM4-RSM50/S1055/CS16562	U2-32009	Special T-adapter with integrated diode for safe power off in combination with Turck safety I/O module TBIP-L5-... T-Adapter 5 pin 7/8" in and 7/8" out to 4 pin M12 male
878	RSSX-RSSX-8814-*M (M12-M12) RSSX-RJ45S-8814-*M (M12-RJ45) RJ45S-RJ45S-8814-*M (RJ45-RJ45)		EtherNet/IP connectivity, premoulded cabling preferred, IP67, M12 X-coded with anti-vibration protection! RJ45 version: premoulded, M12 connector: straight, Ethernet cable: 8 pin, AWG 26 CAT 6A, jacket material: PUR, color: green, flame-retardant, shielding over 360°, UV resistant
879	Q5XKLAF5000-Q8	3807731	Banner laser distance sensor, diffuse with background suppression, 50...5000 mm dual discrete digital PNP switching out, IO-Link, very reliable on shiny and black targets at angle and low sensitivity to color variations
881	FW-ERSPM0514-PL-S-0813	100008140	M12 5 pin L-coded field wireable male connector in IP67 with screw terminal, connection up to 5 × 2,5 mm ² , cable feedthrough 8.0...13.0 mm (usage for cable "889N-F4AFC-6F" only - Rockwell Automation IP67 switch 5700)
884	S15LGY PQ	3808232	Banner 2 color in line sensor status indicator for power (green) and status (yellow)
885	Bi6U-MT12-IOL6X2-H1141	1644874	Inductive sensor intefonised M12 threaded barrel, factor 1, uprox3, flush and 6 mm range, IO-Link communication and configuration and 2 undepended configurable digital outputs
886	Bi10U-MT18-IOL6X2-H1141	1644876	Inductive sensor intefonised M18 threaded barrel, factor 1, uprox3, flush and 10 mm range, IO-Link communication and configuration and 2 undepended configurable digital outputs



No	Typ ID	ID	Description
887	Bi20U-MT30-IOL6X2-H1141	1644883	Inductive sensor intefonised M30 threaded barrel, factor 1, uprox3, flush and 20 mm range, IO-Link communication and configuration and 2 undepended configurable digital outputs
888	Ni50U-CK40-IOL6X2-H1143	1625871	Inductive sensor in rectangular 40 mm housing, factor 1, uprox3, auto compensation protects against pre-damping, 50 mm range, IO-Link communication and configuration and 2 undepended configurable digital outputs
889	CMTH-M12-IOLX2-H1141	100016580	Humidity and temperature sensor in M12 barrel housing for condition monitoring with IO-Link and digital alarm output Temperature range -40...+125 °C, relative humidity 0...100 %
890	CMVT-QR20-IOLX3-H1141	100016543	Vibration and temperature sensor for condition monitoring with IO-Link communication Temperature measuring -40...+85 °C, accelaration measuring 0...16 g, frequency range 0.8...3.3 kHz, detection over 3 axes
891	SCIL-G1-1AI-VI	100001151	IO-Link analog convertor: universal signal convertor analog input to IO-Link, universal voltage/current
892	SCIL-G1-1AO-VI	100001152	IO-Link analog convertor: universal signal convertor IO-Link to analog output, universal voltage/current
893	PS510-16V-01-LI2UPN8-H1141	100001531	Pressure sensor - relative pressure: -1...10 bar, 4-digit, 2-colored, rotatable 14-segment display, output 1: switching output or IO-Link, output 2: analog (current/voltage) or switching output, process connection G1/4" female thread
894	PS510-16V-01-LI2UPN8-H1142	100001543	Pressure sensor - relative pressure: -1...16 bar, 4-digit, 2-colored, rotatable 14-segment display, output 1: switching output or IO-Link, output 2: analog (current/voltage) or switching output, process connection G1/4" female thread
964	PSU67-3P-1S-2L-24250-IOL-F	100025929	Power supply in IP67, 600 W (500 W at 45 °C), primary 3 phase 400 VAC via M12-S, secondary 2 outputs 24 VDC and 300 W each via M12-L, eFuse per output, IO-Link for configuration, monitoring, reset eFuse, PS67-M12-S-Set-01 disconnect switch and mountingplate - see further information
965	RKP46PSB-*/RSP46PSB/TXR		M12 S-coded 400 VAC power cable, straight male to straight female extension cable, 4 pin, 4 × 1.5 mm ² , PUR, red, halogen free
966	RKP46PSB-*/TXR		M12 S-coded 400 VAC power cable, straight female to open end, 4 pin, 4 × 1.5 mm ² , PUR, red, halogen free
967	FKFD46PS-.../M16		M12 S-coded female receptacle rear mount with leads, 4 × 1.5 mm ²
968	FSFD46PS-.../M16		M12 S-coded male receptacle rear mount with leads, 4 × 1.5 mm ²
969	FW-ERSPM0414-PS-S-0810	100026333	M12 S-coded 400 VAC field wireable straight male connector in IP67 with screw terminal, connection up to 4 × 2.5 mm ² , cable feedthrough 8.0...10.0 mm



No	Typ ID	ID	Description
970	FW-ERKPM0414-PS-S-0810	100026332	M12 S-coded 400 VAC field wireable straight female connector in IP67 with screw terminal, connection up to $4 \times 2.5 \text{ mm}^2$, cable feedthrough 8.0...10.0 mm
971	VT2-M12S-M4-2F4	100028580	M12 S-coded "T" splitter
972	VH2-M12S-M4-2F4	100028588	M12 S-coded "h" splitter
973	VH3-M12S-M4-3F4	100028592	M12 S-coded "H" splitter
974	RKP44PL-*-RSP44PL/S1587/S2630		M12 L-coded 24 VDC power cable, straight male to straight female extension cable, 4 pin, $4 \times 2.5 \text{ mm}^2$, PUR, black Ford standard requires 4 pin and premolded! Field wireable connectors are not allowed!
975	RKP44PL-*/S1587/S2630		M12 L-coded 24 VDC power cable, straight female to open end, 4 pin, $4 \times 2.5 \text{ mm}^2$, TPE, black Ford standard requires 4 pin and premolded! Field wireable connectors are not allowed!
976	VT2-M12L-M5-2F5	100028579	M12 L-coded "T" splitter
977	VH2-M12L-M5-2F5	100028587	M12 L-coded "h" splitter
978	VH3-M12L-M5-3F5	100028591	M12 L-coded "H" splitter
979	TBSB-I1-CS04	100012761	Machine safety decoupling box in IP67, decoupling of OSSD outputs via mechanical contacts (4 A) up to Ple safety level, to be used with TBIP-... safety block and VBRK4... splitter
980	SSA-EB2P-02ED1Q5B	3085863	Banner flush-mount emergency stop push button in IP65 with 60 mm actuator and 2 NC contacts, 5 pin A-coded and pin compatible with Turck hybrid safety blocks TBIP-...
1009	VBRK4.5-2RSC4.883T-0.3/0.3/TXL4000	6634281	Splitter with 30 cm pigtails for connecting machine safety decoupling box TBSB-I1-SC04 to Turck hybrid and full safety block TBIP-...
1010	TBSB-I1-2R04	100026893	Decoupling box in IP67 (for non-safety) with 2 integrated relays and outputs via potential free mechanical contacts (4 A), to be connected on outputs from TBEN -L... I/O blocks
1011	RKE 4.5T-*-RSE 4.5T/S715/S3588		M12 straight to M12 straight cable for UI signal between weld controller and robot/stationary weld gun, female to male, 2 pair, both shielded, drains on pin 3, TPE, yellow, $4 \times 0.34 \text{ mm}^2$, $2 \times 0.34 \text{ mm}^2$ for drains
1012	RKM50.2-0.3-RSP56PLB/TXG		Adapter cordset 5 pin M12-L male to 5 pin 7/8" female ($5 \times 1.5 \text{ mm}^2$) (for reuse lines only)
1013	RKP56PLB-0.3-RSM50.2/TXG	100028504	Adapter cordset 5 pin 7/8" male to 5 pin M12-L female ($5 \times 1.5 \text{ mm}^2$) (for reuse lines only)
1014	RSP56PL-0.2-FSM4-RKP56PL-0.2/CS17640	100029892	Special T-adapter "Einspeise T" without diode for safe power off in combination with Turck safety I/O module TBIP-L5-...: M12-L male - M12-A male - M12-L female body color orange ($5 \times 1.5 \text{ mm}^2$)



No	Typ ID	ID	Description
1015	RSP56PL-0.2/2RKP56PL-0.2/0.2/ CS17641	100029891	Special T-adapter "Ausspeise T" with diode for safe power off in combination with Turck safety I/O module TBIP-L5-...: M12-L male - M12-L female - M12-L female body color red (5 × 1.5 mm ²) (for special use to be approved by standard department)
1016	RSP56PL-0.2/2RKP56PL-0.2/0.2/ CS17642	100029893	Special T-adapter "Ausspeise T" without diode for safe power off in combination with Turck safety I/O module TBIP-L5-...: M12-L male - M12-L female - M12-L female color orange (5 × 1.5 mm ²)
1017	QS30LDLQ	3002786	Banner World-Beam laser sensor, class 2 diffuse laser up to 800 mm range with bipolar digital output and 5 pin M12 connector, for Sealer Nozzle TCP check only!
1018	K50PTCAMGRY3Q-812166	3812166	Banner illuminated touch button in IP69K with 4 pin M12 connector, touch is output on pin 4, color (white) active is input on pin 2 TBEN-L... and TBIP-L... I/O block compatible. HS means high sensitivity for gloves.
1019	PS67-M12-S-Set-01	100029329	Set: disconnect switch prewired 16 A in IP65 with 2 × M12-S receptacle female, 1 × M12-S receptacle male and mounting plate to combine with Turck PSU 67-3P... IP67 power supplies
1020	FIL20-8DXP	100005646	IP20 I/O hub for connection of digital signals to IO-Link master, 8 universal digital channels, 1 A channel, PNP, screw mounting, mounting adapter for DIN Rail FDN20-BKT-DIN (ID Z0076)
1021	TBIL-M1-16DXP-B	100000881	IP67 I/O hub for IO-Link with 16 configurable digital channels, Class B
1022	MimicBox-10"-001	100029045	MimicBox based on Turck 10" HMI (multicolour and touch) with TX Visupro Runtime in IP55 enclosure (380 × 300 × 120) with receptacles for M12-L power and M12-EtherNet. TX VisuPro is the programming tool (free of charge), which offers many communication interfaces. Ford standard function block for Rockwell available (see Dave Green). No E-stop in box available. If required use stand-alone version SSA-EB2P-02ED1Q5B
1023	RKP46PSB-*-RSP46PSB/TXR		M12 S-coded 400 VAC power cable, straight male to straight female extension cable, 4 pin, 4 × 1.5 mm ² , PUR, red, halogen free Ford standard requires red color with caution labels!
1024	RKP46PSB-*/TXR		M12 S-coded 400 VAC power cable, straight female to open end, 4 pin, 4 × 1.5 mm ² , PUR, red, halogen free Ford standard requires red color with caution labels!
1025	CABLE(3+1) X1.5-XX-PUR-RD-250M/TXR		Cable, 4 × 1.5 mm ² , PUR, red, halogen free for 400 VAC power (250 m) Ford standard requires red color for 400 VAC with caution labels!
1026	Caution Label	U2-23689	Caution label (10/bag): Risk of electrical shock. Do not disconnect under load. Ford standard requires caution labels on 400 VAC cordsets with connector.



No	Typ ID	ID	Description
1028	TBCS-LL-4FDI-4FDX	100029021	IP67 safety spanner with Safe Cross Link communication for safe data exchange in two directions on Ethernet/IP (CIP-safe) and SIL3 inputs (4FDI) and SIL3 inputs or outputs (4FDX), integrated switch, built-in web server, bus in-out M12 D-coded, power in-out M12 L-coded, 5 pin, EIP QuickConnect functionality In case the spanner is CIP-safe to CIP-safe, two pieces TBCS-LL-4FDI-4FDX need to be ordered.
1029	TBEN-LL-EN 1	100029322	Ethernet spanner in IP67 TBEN block I/O housing for data exchange between two EtherNet/IP networks, NAT router with 16 digital inputs, built-in web server, bus connection M12 D-coded, power in-out M12, 5 pin L-coded
1030	Bi8U-Q08-AP6X2-0,6-RS4/S1160	1662028	Prox. switch rectangular shape Q08 uprox+
1031	OPIL-E4-IO2-FE01	100029326	Conveyor box with M12 connection on IO-Link: E-stop status red (lamp only), reset push button blue, illuminated (white) touch restart button, no E-stop button included! Language for labels: german
1032	OPIL-E4-IO2-FE02	100029327	Conveyor box with M12 connection on IO-Link: E-stop status red (lamp only), reset push button blue, illuminated (white) touch restart button, no E-stop button included! Language for labels: spanish
1033	OPIL-E4-IO2-FE03	100029328	Conveyor box with M12 connection on IO-Link: E-stop status red (lamp only), reset push button blue, illuminated (white) touch restart button, no E-stop button included! Language for labels: romanian
1061	RSSD-RSSX-4416-*M		EtherNet/IP connectivity, premoulded M12 D-coded straight to M12 X-coded straight with anti-vibration protection! Ethernet cable: 4 pin, AWG 22 CAT 5E, jacket material: PUR halogen-free, color: green, flame-retardant acc. IEC 60332-1-2, trailing-drag chain capable, shielding over 360°, CE and UL approved, UV resistant For up link connection between Turck switch (X-coded) and upper level Stratix switch (D-coded)
1091	OPIL-E4-IO3-FE01	100036505	Ford process inspection box to IO-Link Master: rugged housing, label language: german, 4 × illuminated touch buttons, ring illumination: white
1092	OPIL-E4-IO3-FE02	100036506	Ford process inspection box to IO-Link Master: rugged housing, label language: spanish, 4 × illuminated touch buttons, ring illumination: white
1093	OPIL-E4-IO3-FE03	100036507	Ford process inspection box to IO-Link Master: rugged housing, label language: romanian, 4 × illuminated touch buttons, ring illumination: white
1094	OPIL-E4-IO3-FE04	100036394	Ford process inspection box to IO-Link Master: rugged housing, label language: english, 4 × illuminated touch buttons, ring illumination: white

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Sensor Technology

Inductive sensors - standard

BI1.5U-EGT08-AP6X-H1341
ID 4600555


Inductive Sensor

- Threaded barrel, M8 × 1, stainless steel, PTFE-coated
- DC 3-wire, 10...30 VDC, NO contact, PNP output, M12 × 1 male connector
- Factor 1 for all metals, protection class IP68, resistant to magnetic fields, extended temperature range, high switching frequency
- Flush mounting
- Rated switching distance: 1.5 mm
- Further information: www.turck.de/en/products/4600555

BI3U-EMT08-AP6X-H1341
ID 4602156


Inductive Sensor

- Threaded barrel, M8 × 1, stainless steel, PTFE-coated
- DC 3-wire, 10...30 VDC, NO contact, PNP output, M12 × 1 male connector
- Factor 1 for all metals, protection class IP68, resistant to magnetic fields, large switching distance
- Flush mounting
- Rated switching distance: 3 mm
- Further information: www.turck.de/en/products/4602156

BI3U-MT12-AP6X-H1141
ID 1634240


Inductive Sensor

- Threaded barrel, M12 × 1, brass, PTFE-coated
- DC 3-wire, 10...30 VDC, NO contact, PNP output, M12 × 1 male connector
- Factor 1 for all metals, resistant to magnetic fields, extended temperature range
- Flush mounting
- Rated switching distance: 3 mm
- Further information: www.turck.de/en/products/1634240

BI4U-MT12-AP6X-H1141
ID 1634809


Inductive Sensor

With Extended switching Distance

- Threaded barrel, M12 × 1, brass, PTFE-coated
- DC 3-wire, 10...30 VDC, NO contact, PNP output, M12 × 1 male connector
- Factor 1 for all metals, protection class IP68, resistant to magnetic fields, large switching distance
- Recessed mountable
- Rated switching distance: 4 mm
- Further information: www.turck.de/en/products/1634809

BI5U-MT18-AP6X-H1141

ID 1635240



Inductive Sensor

- Threaded barrel, M18 × 1, brass, PTFE-coated
- DC 3-wire, 10...30 VDC, NO contact, PNP output, M12 × 1 male connector
- Factor 1 for all metals, protection class IP68, resistant to magnetic fields, extended temperature range, high switching frequency
- Flush mounting
- Rated switching distance: 5 mm
- Further information: www.turck.de/en/products/1635240

BI5U-Q12-AP6X2-H1141

ID 1635526



Inductive Sensor

With Extended switching Distance

- Rectangular, height 12 mm, Active face, lateral, Plastic, PA12-GF30
- DC 3-wire, 10...30 VDC, NO contact, PNP output, M12 × 1 male connector
- Factor 1 for all metals, increased switching distance, protection class IP68, resistant to magnetic fields, mountable on metal
- Flush mounting
- Rated switching distance: 5 mm
- Further information: www.turck.de/en/products/1635526

BI8U-MT18-AP6X-H1141

ID 1644730



Inductive Sensor

With Extended switching Distance

- Threaded barrel, M18 × 1, brass, PTFE-coated
- DC 3-wire, 10...30 VDC, NO contact, PNP output, M12 × 1 male connector
- Factor 1 for all metals, protection class IP68, resistant to magnetic fields, large switching distance
- Recessed mountable
- Rated switching distance: 8 mm
- Further information: www.turck.de/en/products/1644730

BI8U-Q08-AP6X2-0.6-RS4/S1160

ID 1662028



Inductive Sensor

With Extended switching Distance

- Rectangular, height 8 mm, active face on top, metal, Zamak, nickel-plated
- DC 3-wire, 10...30 VDC, NO contact, PNP output, Pigtail with male end M12 × 1
- Factor 1 for all metals, increased switching distance, protection class IP68, resistant to magnetic fields, mountable on metal
- Flush mounting
- Rated switching distance: 8 mm
- Cable length: 0.6 m, further lengths available
- Further information: www.turck.de/en/products/1662028

BI10U-MT30-AP6X-H1141
ID 1636240

Inductive Sensor

- Threaded barrel, M30 × 1.5, brass, PTFE-coated
- DC 3-wire, 10...30 VDC, NO contact, PNP output, M12 × 1 male connector
- Factor 1 for all metals, protection class IP68, resistant to magnetic fields, extended temperature range, high switching frequency
- Flush mounting
- Rated switching distance: 10 mm
- Further information: www.turck.de/en/products/1636240

BI15U-CK40-AP6X2-H1141
ID 1625600

Inductive Sensor

- Rectangular, height 40 mm, Variable orientation of active face in 5 directions, Plastic, PBT-GF30-V0, high luminance corner LEDs, optimum view on supply voltage and switching state from any position
- DC 3-wire, 10...30 VDC, NO contact, PNP output, M12 × 1 male connector
- Factor 1 for all metals, protection class IP68, resistant to magnetic fields, extended temperature range, high switching frequency
- Flush mounting
- Rated switching distance: 15 mm
- Further information: www.turck.de/en/products/1625600

BI15U-MT30-AP6X-H1141
ID 1636734

Inductive Sensor
With Extended switching Distance

- Threaded barrel, M30 × 1.5, brass, PTFE-coated
- DC 3-wire, 10...30 VDC, NO contact, PNP output, M12 × 1 male connector
- Factor 1 for all metals, protection class IP68, resistant to magnetic fields, large switching distance
- Recessed mountable
- Rated switching distance: 15 mm
- Further information: www.turck.de/en/products/1636734

BI20U-CA40-AP6X2-H1141
ID 1627200

Inductive Sensor

- Rectangular, height 40 mm, Variable orientation of active face in 5 directions, Sensor housing GD-ALSI 12, Active face PA6-GF30
- DC 3-wire, 10...30 VDC, NO contact, PNP output, M12 × 1 male connector
- Factor 1 for all metals, resistant to magnetic fields, high switching frequency
- Flush mounting
- Rated switching distance: 20 mm
- Further information: www.turck.de/en/products/1627200

BI20U-CK40-AP6X2-H1141

ID 1627233



Inductive Sensor

With Extended switching Distance

- Rectangular, height 40 mm, Variable orientation of active face in 5 directions, Plastic, PBT-GF30-V0, high luminance corner LEDs, optimum view on supply voltage and switching state from any position
- DC 3-wire, 10...30 VDC, NO contact, PNP output, M12 × 1 male connector
- Factor 1 for all metals, protection class IP68, resistant to magnetic fields, large coverage, high switching frequency
- Flush mounting
- Rated switching distance: 20 mm
- Further information: www.turck.de/en/products/1627233

BI30U-CK40-AP6X2-H1141

ID 1625829



Inductive Sensor

With Extended switching Distance

- Rectangular, height 40 mm, Variable orientation of active face in 5 directions, Plastic, PBT-GF30-V0, high luminance corner LEDs, optimum view on supply voltage and switching state from any position
- DC 3-wire, 10...30 VDC, NO contact, PNP output, M12 × 1 male connector
- Factor 1 for all metals, protection class IP68, resistant to magnetic fields, large coverage, high switching frequency
- Flush mounting
- Rated switching distance: 30 mm
- Further information: www.turck.de/en/products/1625829

BI30U-CP40-AP6X2

ID 1625830



Inductive Sensor

With Extended switching Distance

- Rectangular, height 40 mm, Variable orientation of active face in 9 directions, Plastic, PBT-GF30-V0, high luminance corner LEDs, optimum view on supply voltage and switching state from any position
- DC 3-wire, 10...30 VDC, NO contact, PNP output, Terminal chamber
- Factor 1 for all metals, protection class IP68, resistant to magnetic fields, large coverage, high switching frequency
- Flush mounting
- Rated switching distance: 30 mm
- Further information: www.turck.de/en/products/1625830

BI50U-Q80-AP6X2-H1141

ID 1608940



Inductive Sensor

With Extended switching Distance

- Rectangular, height 40 mm, Active face on top, Plastic, PBT-GF30-V0
- DC 3-wire, 10...30 VDC, NO contact, PNP output, M12 × 1 male connector
- Factor 1 for all metals, increased switching distance, protection class IP68, resistant to magnetic fields
- Flush mounting
- Rated switching distance: 50 mm
- Further information: www.turck.de/en/products/1608940

NI4-DSC26-2AP6X2-H1141
ID 1650087

Inductive Sensor
For Rotary Actuators

- Rectangular, housing DSC26, Plastic, PP, Two outputs for monitoring the position of rotary actuators
- 2 × NO contact, PNP output, DC 4-wire, 10...30 VDC
- Mounting on all standard actuators
- Non-flush mounting
- Rated switching distance: 4 mm
- Further information: www.turck.de/en/products/1650087

NI8U-MT12-AP6X-H1141
ID 1644240

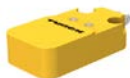
Inductive Sensor

- Threaded barrel, M12 × 1, brass, PTFE-coated
- DC 3-wire, 10...30 VDC, NO contact, PNP output, M12 × 1 male connector
- Factor 1 for all metals, protection class IP68, resistant to magnetic fields, extended temperature range, high switching frequency
- Non-flush mounting
- Rated switching distance: 8 mm
- Further information: www.turck.de/en/products/1644240

NI12U-MT18-AP6X-H1141
ID 1645240

Inductive Sensor

- Threaded barrel, M18 × 1, brass, PTFE-coated
- DC 3-wire, 10...30 VDC, NO contact, PNP output, M12 × 1 male connector
- Factor 1 for all metals, protection class IP68, resistant to magnetic fields, extended temperature range, high switching frequency
- Non-flush mounting
- Rated switching distance: 12 mm
- Further information: www.turck.de/en/products/1645240

NI20-Q14-AP6X2-V1131
ID 4690210

Inductive Sensor

- Rectangular, height 14 mm, Active face on top, plastic, PBT-GF30-V0
- DC 3-wire, 10...30 VDC, NO contact, PNP output, M8 × 1 male connector
- Non-flush mounting
- Rated switching distance: 20 mm
- Further information: www.turck.de/en/products/4690210

NI20U-MT30-AP6X-H1141
ID 1646240

Inductive Sensor

- Threaded barrel, M30 × 1.5, brass, PTFE-coated
- DC 3-wire, 10...30 VDC, NO contact, PNP output, M12 × 1 male connector
- Factor 1 for all metals, protection class IP68, resistant to magnetic fields, extended temperature range, high switching frequency
- Non-flush mounting
- Rated switching distance: 20 mm
- Further information: www.turck.de/en/products/1646240

NI50U-CK40-AP6X2-H1141

ID 1625837



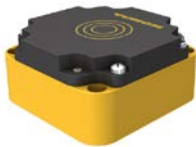
Inductive Sensor

With Extended switching Distance

- Rectangular, height 40 mm, variable orientation of active face in 5 directions, Plastic, PBT-GF30-V0, high luminance corner LEDs, optimum view on supply voltage and switching state from any position
- DC 3-wire, 10...30 VDC, NO contact, PNP output, M12 × 1 male connector
- Factor 1 for all metals, increased switching distance, protection class IP68, resistant to magnetic fields, auto-compensation protects against pre-damping
- Partially embeddable
- Rated switching distance: 50 mm
- Further information: www.turck.de/en/products/1625837

NI75U-CP80-AP6X2-H1141

ID 1623805



Inductive Sensor

With increased switching Distance

- Rectangular, height 41 mm, Plastic, PBT-GF30-V0
- DC 3-wire, 10...30 VDC, NO contact, PNP output, M12 × 1 male connector
- Factor 1 for all metals, resistant to magnetic fields, large coverage, extended temperature range, high switching frequency
- Non-flush mounting
- Rated switching distance: 75 mm
- Further information: www.turck.de/en/products/1623805

NI100U-K90SR-VP4X2-H1141

ID 1625844



Inductive Sensor

With Extended switching Distance

- Rectangular, height 60 mm, Plastic, PBT-GF30-V0
- DC 4-wire, 10...65 VDC, changeover contact, PNP output, M12 × 1 male connector
- Factor 1 for all metals, increased switching distance, protection class IP68, resistant to magnetic fields, extended temperature range, auto-compensation protects against pre-damping, one-sided fitting possible
- Non-flush mounting
- Rated switching distance: 100 mm
- Further information: www.turck.de/en/products/1625844

Inductive safety sensors PLd

BI4-M12-2APS8X2-H1141**ID 100016606**

Inductive Safety Sensor

- M12 × 1 threaded barrel, nickel-plated brass
- 2 × OSSD output, NO contact, PNP, DC 4-wire, 24 VDC
- SIL 2 (IEC 61508), PLd (ISO 13849-1)
- Flush mounting
- Rated switching distance: 4 mm
- Further information: www.turck.de/en/products/100016606

BI8-M18-2APS8X2-H1141**ID 100016607**

Inductive Safety Sensor

- M18 × 1 threaded barrel, nickel-plated brass
- 2 × OSSD output, NO contact, PNP, DC 4-wire, 24 VDC
- SIL 2 (IEC 61508), PLd (ISO 13849-1)
- Flush mounting
- Rated switching distance: 8 mm
- Further information: www.turck.de/en/products/100016607

BI12-M30-2APS8X2-H1141**ID 100016608**

Inductive Safety Sensor

- M30 × 1.5 threaded tube, nickel-plated brass
- 2 × OSSD output, NO contact, PNP, DC 4-wire, 24 VDC
- SIL 2 (IEC 61508), PLd (ISO 13849-1)
- Flush mounting
- Rated switching distance: 12 mm
- Further information: www.turck.de/en/products/100016608

Inductive sensors with IO-Link communication and configuration

BI6U-MT12-IOL6X2-H1141

ID 1644874



Inductive Sensor

IO-Link Communication and Configuration

- Threaded barrel, M12 × 1, brass, PTFE-coated
- DC 4-wire, 10...30 VDC, M12 × 1 connector, configuration and communication via IO-Link v1.1 or via standard I/O, electrical outputs independently configurable, switching distance can be parametrized per output and hysteresis, Identification via 32-byte memory, temperature monitoring with adjustable limits, various timer and pulse monitoring functions
- Factor 1 for all metals, protection class IP68, resistant to magnetic fields, large switching distance
- Flush mounting
- Rated switching distance: 6 mm
- Further information: www.turck.de/en/products/1644874

BI10U-MT18-IOL6X2-H1141

ID 1644876



Inductive Sensor

IO-Link Communication and Configuration

- Threaded barrel, M18 × 1, brass, PTFE-coated
- DC 4-wire, 10...30 VDC, M12 × 1 connector, configuration and communication via IO-Link v1.1 or via standard I/O, electrical outputs independently configurable, switching distance can be parametrized per output and hysteresis, Identification via 32-byte memory, temperature monitoring with adjustable limits, various timer and pulse monitoring functions
- Factor 1 for all metals, protection class IP68, resistant to magnetic fields, large switching distance
- Flush mounting
- Rated switching distance: 10 mm
- Further information: www.turck.de/en/products/1644876

BI20U-MT30-IOL6X2-H1141

ID 1644883



Inductive Sensor

IO-Link Communication and Configuration

- Threaded barrel, M30 × 1.5, brass, PTFE-coated
- DC 4-wire, 10...30 VDC, M12 × 1 connector, configuration and communication via IO-Link v1.1 or via standard I/O, electrical outputs independently configurable, switching distance can be parametrized per output and hysteresis, Identification via 32-byte memory, temperature monitoring with adjustable limits, various timer and pulse monitoring functions
- Factor 1 for all metals, resistant to magnetic fields, large switching distance
- Flush mounting
- Rated switching distance: 20 mm
- Further information: www.turck.de/en/products/1644883

NI50U-CK40-IOL6X2-H1141

ID 1625871

**Inductive Sensor****IO-Link Communication and Configuration**

- Rectangular, height 40 mm, variable orientation of active face in 5 directions, Plastic, PBT-GF30-V0, high luminance corner LEDs, optimum view on supply voltage and switching state from any position
 - DC 4-wire, 10...30 VDC, M12 × 1 connector, configuration and communication via IO-Link v1.1 or via standard I/O, electrical outputs independently configurable, switching distance can be parametrized per output and hysteresis, Identification via 32-byte memory, temperature monitoring with adjustable limits, various timer and pulse monitoring functions
 - Factor 1 for all metals, increased switching distance, protection class IP68, resistant to magnetic fields, auto-compensation protects against pre-damping,
 - Partially embeddable
 - Rated switching distance: 50 mm
 - Further information: www.turck.de/en/products/1625871
-

Magnetic field sensors

BIM-IKM-AP6X2-H1141/S34

ID 46272



Magnetic Field Sensor

For Pneumatic Cylinders (magnetic-field immune)

- Rectangular, height 34 mm, Mmetal, GD-Zn
- DC 3-wire, 10...30 VDC, NO contact, PNP output, male connector, M12 × 1
- Magnetic-inductive sensor, weld resistant to AC fields of 50...60 Hz
- Further information: www.turck.de/en/products/46272

BIM-NST-AP6X-H1141/S34

ID 4685401



Magnetic Field Sensor

For Pneumatic Cylinders (magnetic-field immune)

- Plastic, PA12-GF30
- DC 3-wire, 10...30 VDC, NO contact, PNP output, male connector, M12 × 1
- Magnetic-inductive sensor, weld resistant to AC fields of 50...60 Hz
- Further information: www.turck.de/en/products/4685401

BIM-UNT-AP6X-0.3-RS4

ID 4685725



Magnetic Field Sensor

For Pneumatic Cylinders

- For T-groove cylinders without mounting accessories, optional accessories for mounting on other cylindrical housings, one-hand mounting possible, fine adjustment tool and stopper directly mountable on the sensor, stable mounting
- DC 3-wire, 10...30 VDC, NO contact, PNP output, Pigtail with male end, M12 × 1
- Magneto-resistive sensor
- Cable length: 0.3 m
- Further information: www.turck.de/en/products/4685725

NIMFE-EM12/4.0L61-UP6X-H1141/S1182

ID 1600621



Magnetic Field Sensor

With TIN Coating

For Detection of Ferromagnetic Parts

- Threaded barrel, M12 × 1, stainless steel, 1.4301
- DC 3-wire, 10...30 VDC, NC/NO parametrizable with teach adapter VB2-SP1, M12 × 1 male connector
- Further information: www.turck.de/en/products/1600621

NIMFE-M12/4.6L88-UP6X-H1141

ID 1600608



Magnetic Field Sensor

For Detection of Ferromagnetic Parts

- Threaded barrel, M12/M8, chrome-plated brass
- DC 3-wire, 10...30 VDC, NC/NO parametrizable with teach adapter VB2-SP1, M12 × 1 male connector
- Further information: www.turck.de/en/products/1600608

NIMFE-M12/6.2L101-UP6X-H1141**ID 1600609**

Magnetic Field Sensor

For Detection of Ferromagnetic Parts

- Threaded barrel, M12/M8, chrome-plated brass
 - DC 3-wire, 10...30 VDC, NC/NO parametrizable with teach adapter VB2-SP1, M12 × 1 male connector
 - Further information: www.turck.de/en/products/1600609
-

Linear position sensors

LI200P0-Q25LM0-ELIU5X3-H1151

ID 100001933



Inductive Linear Position Sensor

- Rectangular, aluminium/plastic, versatile mounting possibilities
- 4-wire, 15...30 VDC, analog output, programmable measuring range, 0...10 V and 4...20 mA, improved machine safety possible through redundancy, M12 × 1 connector, 5-pin
- Measuring range displayed via LED, immune to electromagnetic interference, Extremely short blind zones, Resolution, 16-bit
- Measuring range 200 mm
- Further information: www.turck.de/en/products/100001933

LI200P0-Q25LM0-IOLX3-H1141

ID 100012823



Inductive Linear Position Sensor

IO-Link

- Rectangular, aluminium/plastic, versatile mounting possibilities
- Process value in 32-bit IO-Link telegram, 15...30 VDC, M12 × 1 male connector, 4-pin
- Measuring range displayed via LED, immune to electromagnetic interference, Extremely short blind zones
- Measuring range 200 mm
- Further information: www.turck.de/en/products/100012823

Laser distance sensors

Q4XTKLAF300-Q8

ID 3095301


Photoelectric Sensor

Laser Distance Sensor (Triangulation)

- Transmission of process value and parameterization via IO-link
- 4-digit 7-segment LED display, 3 buttons, output indicator (yellow), IP67/69K, ECOLAB-certified
- Operating voltage: 12...30 VDC, output 1: PNP switching output with IO-Link communication, output 2: PNP switching output, teach-in input, laser control, synchronization or pulse frequency modulation (PFM)
- Rectangular model with offset M18 thread, stainless steel case (1.4404)
- Range: 25...300 mm, laser class 1, red, 655 nm, acc. to IEC 60825-1:2007
- Max. range 300 mm
- Further information: www.turck.de/en/products/3095301

Q4XTKLAF600-Q8

ID 3801918


Photoelectric Sensor

Laser Distance Sensor (Triangulation)

- Transmission of process value and parameterization via IO-link
- 4-digit 7-segment LED display, 3 buttons, output indicator (yellow), IP67/69K, ECOLAB-certified
- Operating voltage: 12...30 VDC, output 1: PNP switching output with IO-Link communication, output 2: PNP switching output, teach-in input, laser control, synchronization or pulse frequency modulation (PFM)
- Rectangular model with offset M18 thread, stainless steel case (1.4404)
- Range: 25...600 mm, laser class 1, red, 655 nm, acc. to IEC 60825-1:2014
- Max. range 600 mm
- Further information: www.turck.de/en/products/3801918

Q5XKLAF2000-Q8

ID 3803693


Photoelectric Sensor

Laser Diffuse Mode Sensor with Adjustable Background Suppression

- 4-digit 7-segment display, Adjustable via pushbutton on the housing or
- IO-Link, protection class IP67, M12 × 1 male connector, 4-pin, rotatable
- Operating voltage: 10...30 VDC, output 1: PNP/NPN switching output with IO-Link communication, output 2: PNP/NPN switching output; teach-in input, laser control, synchronization or pulse frequency modulation (PFM)
- Laser class 2, 650 nm, acc. to IEC 60825-1:2007, range: 95...2000 mm, adjustable response time: 3, 5, 15, 25 or 50 ms
- Max. range 2000 mm
- Further information: www.turck.de/en/products/3803693

Q5XKLAF5000-Q8

ID 3807731



Photoelectric Sensor

Laser Diffuse Mode Sensor with Adjustable Background Suppression

- 4-digit 7-segment display, adjustable via pushbutton on the housing or IO-Link, protection class IP67, M12 × 1 male connector, 4-pin, rotatable
- Operating voltage: 10...30 VDC, output 1: PNP/NPN switching output with IO-Link communication, output 2: PNP/NPN switching output; teach-in input, laser control, synchronization or pulse frequency modulation (PFM)
- Laser class 2, 650 nm, acc. to IEC 60825-1:2007, range: 50...5000 mm, adjustable response time: 3, 5, 15, 25 or 50 ms
- Max. range 5000 mm
- Further information: www.turck.de/en/products/3807731

LTF24KC2LDQ

ID 3803280



Photoelectric Sensor

Laser Measuring System

- Transmission of process value and parameterization via IO-link
- 2-line, 8-segment display, M12 × 1 male connector, rotatable, 5-pin
- Operating voltage: 12...30 VDC, 1 × PNP switching output with IO-Link communication, 1 × PNP switching output
- Range: 0.05...24 m, laser class 2, red, 660 nm, acc. to IEC 60825-1:2007, resolution: 0.3...4 mm
- Max. range 24000 mm
- Further information: www.turck.de/en/products/3803280

LE550KQ

ID 3097761



Photoelectric Sensor

Laser Scanning System

- Transmission of process value and parametrization via IO-link
- 2-line 8-segment display, Rotatable connector, male M12 × 1, 5-pin
- Operating voltage: 12...30 VDC, 1 × PNP switching output with IO-Link communication
- Range: 100...1000 mm, laser class 2, red, 650 nm, acc. to IEC 60825-1:2007, resolution at 100...600 mm distance: < 0.5 mm, resolution at 600...1000 mm distance: < 1 mm
- Max. range 1000 mm
- Further information: www.turck.de/en/products/3097761

QS30LDLQ

ID 3002786



Photoelectric Sensor

Diffuse Mode Sensor

- Male M12 × 1, 5-pin, protection class IP67
- Operating voltage: 10...30 VDC, switching output, bipolar, light or dark operation
- LED all-round visible, teach button, 8-segment bargraph
- Max. range 800 mm
- Further information: www.turck.de/en/products/3002786

Ultrasonic sensors

RU130U-M18ES-LIU2PN8X2T-H1151

ID 1610027



Ultrasonic Sensor

Diffuse Mode Sensor

- Rectangular transducer front, cylindrical housing M18, potted, connection via M12 × 1 male, teach range adjustable via pushbutton or adapter, temperature compensation
- 1 × switching output, PNP/NPN, 1 × analog output, 4...20 mA/0...10 V/additional switching output, PNP/NPN, NO/NC programmable, transmission of process value and parametrization via IO-link
- Blind zone: 15 cm
- Range: 130 cm
- Resolution: 1 mm
- Aperture angle of sonic cone: ±16 °
- Further information: www.turck.de/en/products/1610027

RU130U-M18E-2UP8X2-H1151

ID 1610014



Ultrasonic Sensor

Diffuse Mode Sensor

- Smooth sonic transducer face, cylindrical housing M18, potted, connection via M12 × 1 male, teach range adjustable via adapter, temperature compensation
- 2 × switching outputs, PNP, NO/NC programmable
- Blind zone: 15 cm
- Range: 130 cm
- Resolution: 1 mm
- Aperture angle of sonic cone: ±16 °
- Further information: www.turck.de/en/products/1610014

RU40U-M18ES-LIU2PN8X2T-H1151

ID 1610025



Ultrasonic Sensor

Diffuse Mode Sensor

- Rectangular transducer front, cylindrical housing M18, potted, connection via M12 × 1 male, teach range adjustable via pushbutton or adapter, temperature compensation
- 1 × switching output, PNP/NPN, 1 × analog output, 4...20 mA/0...10 V/additional switching output, PNP/NPN, NO/NC programmable, transmission of process value and parametrization via IO-link
- Blind zone: 2.5 cm
- Range: 40 cm
- Resolution: 0.5 mm
- Aperture angle of sonic cone: ±15 °
- Further information: www.turck.de/en/products/1610025

RU40U-M18M-UP8X2-H1151

ID 1610008



Ultrasonic Sensor

Diffuse Mode Sensor

- Smooth sonic transducer face, cylindrical housing M18, potted, connection via M12 × 1 male, temperature compensation
- 1 × switching output, PNP, teachable settings, NO/NC programmable
- Blind zone: 2.5 cm
- Range: 40 cm
- Resolution: 0.5 mm
- Aperture angle of sonic cone: ±15 °
- Further information: www.turck.de/en/products/1610008

Pressure sensors

PS510-10 V-01-LI2UPN8-H1141

ID 100001531



Pressure sensor

Relative Pressure: -1...10 Bar

- 4-digit, 2-colored, 12-segment display, rotatable by 180°, housing is rotatable after plugging the process connection
- 18...33 VDC, NO/NC contact, PNP/NPN output, analog output (current/voltage), IO-Link
- Process connection G1/4" female thread, Plug-in device, M12 × 1
- Metal measuring cell
- Further information: www.turck.de/en/products/100001531

PS510-16 V-04-LI2UPN8-H1141

ID 100001543



Pressure sensor

Relative Pressure: -1...16 Bar

- 4-digit, 2-colored, 12-segment display, rotatable by 180°, housing is rotatable after plugging the process connection
- 18...33 VDC, NO/NC contact, PNP/NPN output, analog output (current/voltage), IO-Link
- Process connection G1/4" male thread, Plug-in device, M12 × 1
- Metal measuring cell
- Further information: www.turck.de/en/products/100001543

Temperature sensors

TS-516-LI2UPN8X-H1141-L016

ID 6840026



Temperature Detection

With Current Output and PNP/NPN Transistor switching Output

Output 2 Reprogrammable as Switching Output

- Housing is rotatable after plugging the process connection, reading of adjusted values without tools, recessed pushbutton and keylock for secure programming, permanent display of temperature unit (°C, °F, K, Ohm), temperature peak memory

- Further information: www.turck.de/en/products/6840026

TS-516-LI2UPN8X-H1141-L050

ID 6840028



Temperature Detection

With Current Output and PNP/NPN Transistor switching Output

Output 2 Reprogrammable as Switching Output

- Housing is rotatable after plugging the process connection, reading of adjusted values without tools, recessed pushbutton and keylock for secure programming, permanent display of temperature unit (°C, °F, K, Ohm), temperature peak memory

- Further information: www.turck.de/en/products/6840028

Condition monitoring sensors

CMTH-M12-IOL6X2-H1141

ID 100016580



Humidity and Temperature Sensor

For Condition Monitoring with IO-Link

- Sensor for condition monitoring
- DC 4-wire, 18...30 VDC, male connector, M12 × 1, configuration and communication via IO-Link v1.1, smart sensor profile 4.1.2, continuous process values for temperature and humidity, temperature monitoring with adjustable limits: 2 × Min/Max, humidity monitoring with adjustable limits: 2 × Min/Max, operating hour counters and limit counter, histogram function for temperature and humidity, limit values of preset values monitored in SIO mode
- Accurate temperature and humidity measurement, Sensor-2-cloud compatible
- Further information: www.turck.de/en/products/100016580

CMVT-QR20-IOLX3-H1141

ID 100016543



Vibration and Temperature Sensor

For Condition Monitoring with IO-Link

- Rectangular, plastic, ultem, status displayed via LED
- 18...30 VDC, communication via IO-Link, 10...30 VDC, SIO mode PNP/NPN switching outputs, M12 × 1 male connector, 4-pin
- Acceleration and speed output RMS or peak to peak of the vibration, acceleration measuring range ±16 g, detection over 3 axes, temperature measuring range -40...+85 °C, high protection class IP68/IP69K
- Further information: www.turck.de/en/products/100016543

Accessories

PN-M12
ID 6905309


Accessories

Screw Cap

- Screw cap nut for flush sensors of the uprox+ series, for the following M12 × 1 threaded barrel sensors: BI4U-M12(E)-..., BI4U-MT12(E)-..., BI4U-EM12(WD)-..., stainless steel A2 1.4305 (AISI 303)
- Further information: www.turck.de/en/products/6905309

PN-M18
ID 6905310


Accessories

Screw Cap

- Screw cap nut for flush sensors of the uprox+ series, for the following M18 × 1 threaded barrel sensors: BI8U-M18(M)-..., BI8U-(E)M18E-..., BI8U-EM18(M)WD-..., BI8U-EM18EWD-..., BI8U-MT18(E)-..., BI8U-MT18M-..., stainless steel A2 1.4305 (AISI 303)
- Further information: www.turck.de/en/products/6905310

PN-M30
ID 6905308


Accessories

Screw Cap

- Screw cap nut for flush sensors of the uprox+ series, for the following M30 × 1.5 threaded barrel sensors: BI15U-M30(E)-..., BI15U-MT30-..., BI15U-EM30(E)-..., BI15U-EM30WD-..., stainless steel A2 1.4305 (AISI 303)
- Further information: www.turck.de/en/products/6905308

Fieldbus Technology in IP67

Digital I/O modules ("large")

TBEN-L1-16DIP

ID 6814005



Compact Multiprotocol I/O Module for Ethernet

16 Digital PNP Inputs

- Integrated Ethernet switch allows line topology, 2 × M12, 4-pin, D-coded Ethernet fieldbus connection, 7/8", 5-pin connector for power supply
- Glass fiber reinforced housing, shock and vibration tested, fully potted module electronics, protection classes IP65, IP67, IP69K
- Further information: www.turck.de/en/products/6814005
- **For reuse lines only!**

TBEN-L1-16DOP

ID 6814007



Compact Multiprotocol I/O Module for Ethernet

16 Digital PNP 2-A Outputs

- Integrated Ethernet switch allows line topology, 2 × M12, 4-pin, D-coded Ethernet fieldbus connection, 7/8", 5-pin connector for power supply
- Glass fiber reinforced housing, shock and vibration tested, fully potted module electronics, protection classes IP65, IP67, IP69K
- Further information: www.turck.de/en/products/6814007
- **For reuse lines only!**

TBEN-L1-16DXP

ID 6814008



Compact Multiprotocol I/O Module for Ethernet

16 Universal Digital Channels, Configurable as PNP Inputs or 2 A Outputs

- Integrated Ethernet switch allows line topology, 2 × M12, 4-pin, D-coded Ethernet fieldbus connection, 7/8", 5-pin connector for power supply
- Glass fiber reinforced housing, shock and vibration tested, fully potted module electronics, protection classes IP65, IP67, IP69K
- Further information: www.turck.de/en/products/6814008
- **For reuse lines only!**

TBEN-L1-8DIP-8DOP

ID 6814006



Compact Multiprotocol I/O Module for Ethernet

8 Digital PNP Inputs and 8 Digital PNP Outputs 2 A

- Integrated Ethernet switch allows line topology, 2 × M12, 4-pin, D-coded Ethernet fieldbus connection, 7/8", 5-pin connector for power supply
- Glass fiber reinforced housing, shock and vibration tested, fully potted module electronics, protection classes IP65, IP67, IP69K
- Further information: www.turck.de/en/products/6814006
- **For reuse lines only!**

TBEN-LL-16DIP
ID 100004250


Compact Multiprotocol I/O Module for Ethernet
16 Digital PNP Inputs

- Integrated Ethernet switch allows line topology, 2 × M12, 4-pin, D-coded Ethernet fieldbus connection, M12 L-coded connector for power supply
- Glass fiber reinforced housing, shock and vibration tested, fully potted module electronics, protection classes IP65, IP67, IP69K
- Further information: www.turck.de/en/products/100004250

TBEN-LL-16DOP
ID 100021342


Compact Multiprotocol I/O Module for Ethernet
16 Digital PNP 2-A Outputs

- Integrated Ethernet switch allows line topology, 2 × M12, 4-pin, D-coded Ethernet fieldbus connection, M12 L-coded connector for power supply
- Glass fiber reinforced housing, shock and vibration tested, fully potted module electronics, protection classes IP65, IP67, IP69K
- Further information: www.turck.de/en/products/100021342

TBEN-LL-16DXP
ID 100004252


Compact Multiprotocol I/O Module for Ethernet
16 Universal Digital Channels, Configurable as PNP Inputs or 2 A Outputs

- Integrated Ethernet switch allows line topology, 2 × M12, 4-pin, D-coded Ethernet fieldbus connection, M12 L-coded connector for power supply
- Glass fiber reinforced housing, shock and vibration tested, fully potted module electronics, protection classes IP65, IP67, IP69K
- Further information: www.turck.de/en/products/100004252

TBEN-LL-8DIP-8DOP
ID 100004251


Compact Multiprotocol I/O Module for Ethernet
8 Digital PNP Inputs and 8 Digital PNP 2 A Outputs

- Integrated Ethernet switch allows line topology, 2 × M12, 4-pin, D-coded Ethernet fieldbus connection, M12 L-coded connector for power supply
- Glass fiber reinforced housing, shock and vibration tested, fully potted module electronics, protection classes IP65, IP67, IP69K
- Further information: www.turck.de/en/products/100004251

Digital and analog I/O modules ("small")

TBEN-S1-4DIP-4DOP

ID 6814021



- Compact Multiprotocol I/O Module for Ethernet
4 Digital PNP Inputs and 4 Digital PNP Outputs 2 A
- FLC/ARGE programmable
 - PROFINET device, EtherNet/IP device or Modbus TCP slave, integrated Ethernet switch allows line topology, supports 10 Mbps/100 Mbps, 2 × M8, 4-pin, Ethernet fieldbus connection
 - M8 4-pin connector for power supply, galvanically isolated voltage groups
 - Glass fiber reinforced housing, shock and vibration tested, fully potted module electronics, protection classes IP65, IP67, IP69K
 - Only for robot end-of-arm tooling
 - Further information: www.turck.de/en/products/6814021

TBEN-S1-8DIP

ID 6814020



- Compact Multiprotocol I/O Module for Ethernet
8 Digital PNP Inputs, Input Diagnostics per Group
- FLC/ARGE programmable
 - PROFINET device, EtherNet/IP device or Modbus TCP slave, integrated Ethernet switch allows line topology, supports 10 Mbps/100 Mbps, 2 × M8, 4-pin, Ethernet fieldbus connection
 - M8 4-pin connector for power supply, galvanically isolated voltage groups
 - Glass fiber reinforced housing, shock and vibration tested, fully potted module electronics, protection classes IP65, IP67, IP69K
 - Only for robot end-of-arm tooling
 - Further information: www.turck.de/en/products/6814020

TBEN-S1-8DOP

ID 6814022



- Compact Multiprotocol I/O Module for Ethernet
8 Digital PNP 2 A Outputs
- FLC/ARGE programmable
 - PROFINET device, EtherNet/IP device or Modbus TCP slave, integrated Ethernet switch allows line topology, supports 10 Mbps/100 Mbps, 2 × M8, 4-pin, Ethernet fieldbus connection
 - M8 4-pin connector for power supply, galvanically isolated voltage groups
 - Glass fiber reinforced housing, shock and vibration tested, fully potted module electronics, protection classes IP65, IP67, IP69K
 - Only for robot end-of-arm tooling
 - Further information: www.turck.de/en/products/6814022

TBEN-S1-8DXP

ID 6814023



- Compact Multiprotocol I/O Module for Ethernet
8 Universal Digital Channels, Configurable as PNP Inputs or 2 A Outputs
- FLC/ARGE programmable
 - PROFINET device, EtherNet/IP device or Modbus TCP slave, integrated Ethernet switch allows line topology, supports 10 Mbps/100 Mbps, 2 × M8, 4-pin, Ethernet fieldbus connection
 - M8 4-pin connector for power supply, galvanically isolated voltage groups
 - Glass fiber reinforced housing, shock and vibration tested, fully potted module electronics, protection classes IP65, IP67, IP69K
 - Only for robot end-of-arm tooling
 - Further information: www.turck.de/en/products/6814023

Decoupling of electronic outputs

TBSB-I1-2RO04**ID 100026893**

Decoupling Box

- Polycarbonat/ABS
 - IP67
 - Input connector, M12, A-coded
 - Output connector, M12, A-coded
 - For decoupling two PNP outputs to two independent potential-free relay contacts
 - Further information: www.turck.de/en/products/100026893
-

Ethernet spanner for exchanging non-safety-related data between networks

TBEN-L5-EN 1

ID 6814035



Ethernet Spanner

Master to Master Data Exchange, NAT Router, 16 Digital PNP Inputs

- Integrated Ethernet switch allows line topology, 2 × M12, 4-pin, D-coded Ethernet fieldbus connection, 7/8", 5-pin connector for power supply
- Glass fiber reinforced housing, shock and vibration tested, fully potted module electronics, protection classes IP65, IP67, IP69K
- Further information: www.turck.de/en/products/6814035
- **For reuse lines only!**

TBEN-LL-EN 1

ID 100029322



Ethernet Spanner

Master to Master Data Exchange, NAT Router, 16 Digital PNP Inputs

- Integrated Ethernet switch allows line topology, 2 × M12, 4-pin, D-coded Ethernet fieldbus connection, M12, L-coded connector for power supply
- Glass fiber reinforced housing, shock and vibration tested, fully potted module electronics, protection classes IP65, IP67, IP69K
- Further information: www.turck.de/en/products/100029322

Managed Ethernet switch

TBEN-L5-SE-M2
ID 100004425


Managed Ethernet Switch

8 × 100-Mbit Ports, 2 × 1-Gbit Ports

- 2 × M12, 8-pin, X-coded, 1 Gbps Ethernet high-speed backbone, 8 × M12, 4-pin D-coded, 100 Mbps Ethernet, 7/8", 5-pin connector for power supply
- Glass fiber reinforced housing, shock and vibration tested, fully potted module electronics, protection classes IP65, IP67, IP69K
- Further information: www.turck.de/en/products/100004425
- **For reuse lines only!**

TBEN-LL-SE-M2
ID 100004427


Managed Ethernet Switch

8 × 100-Mbit ports, 2 × 1-Gbit Ports

- 2 × M12, 8-pin, X-coded, 1 Gbps Ethernet high-speed backbone, 8 × M12, 4-pin D-coded, 100 Mbps Ethernet, M12, 5-pin, L-coded male connector for power supply
- Further information: www.turck.de/en/products/100004427

Modular I/O system BL67

BL67-16DO-0.1 A-P

ID 6827221



BL67 Electronic Module

16 Digital Outputs, PNP, 0.1 A

- Independent of the type of fieldbus and connection technology used, protection class IP67
- 16 digital outputs, 24 VDC, 0.1 A nominal current, $I_{\max} = 180$ mA per channel with 50 % simultaneity of the 16 channels, PNP, channel diagnostics
- From version VN 01-07 and higher, the module supports accelerated start-up for applications with Fast Start-Up (FSU) and QuickConnect (QC).
- LEDs indicate status and diagnostic, electronics galvanically separated from the field level via optocouplers
- Further information: www.turck.de/en/products/6827221

BL67-2RFID-S

ID 6827305



BL67 Electronic Module

2 RFID Channels (HF/UHF)

- A special software (function module) for integration in PLC systems is not required, 8 byte user data per read/write cycle
- Connection of two BL ident read/write heads, mixed operation of HF and UHF read/write heads, transmission rate: 115.2 kbps, cable length max. 50 m
- LEDs indicate status and diagnostic, electronics galvanically separated from the field level via optocouplers
- Further information: www.turck.de/en/products/6827305

BL67-4DI-P

ID 6827171



BL67 Electronic Module

4 Digital Inputs, PNP

- Independent of the type of fieldbus and connection technology used, protection class IP67
- 4 digital inputs, 24 VDC, PNP switching
- From version VN 01-03 and higher, the module supports accelerated start-up for applications with Fast Start-Up (FSU) and QuickConnect (QC).
- LEDs indicate status and diagnostic, electronics galvanically separated from the field level via optocouplers
- Further information: www.turck.de/en/products/6827171

BL67-4DO-2 A-P

ID 6827174



BL67 Electronic Module

4 Digital Outputs, PNP, 2.0 A

- Independent of the type of fieldbus and connection technology used, protection class IP67
- 4 digital outputs, 24 VDC, Max. 2 A, PNP switching
- From version VN 01-07 and higher, the module supports accelerated start-up for applications with Fast Start-Up (FSU) and QuickConnect (QC).
- LEDs indicate status and diagnostic, electronics galvanically separated from the field level via optocouplers
- Further information: www.turck.de/en/products/6827174

BL67-4IOL
ID 6827386

BL67 Electronic Module
4 IO-Link Master Channels, 16 Bytes of I/O Data
4 Configurable Digital Channels, PNP, Channel Diagnostics, 0.5 A

- Independent of the type of fieldbus and connection technology used, protection class IP67
- 4 IO-Link master acc. to specification V1.1, 4 universal digital channels, PNP, channel diagnostics, 0.5 A
- LEDs indicate status and diagnostic, electronics galvanically separated from the field level via optocouplers
- Further information: www.turck.de/en/products/6827386

BL67-8DI-P
ID 6827170

BL67 Electronic Module
8 Digital Inputs, PNP

- Independent of the type of fieldbus and connection technology used, protection class IP67
- 8 digital inputs, 24 VDC, PNP switching
- From version VN 01-03 and higher, the module supports accelerated start-up for applications with Fast Start-Up (FSU) and QuickConnect (QC).
- LEDs indicate status and diagnostic, electronics galvanically separated from the field level via optocouplers
- Further information: www.turck.de/en/products/6827170

BL67-8DO-0.5 A-P
ID 6827172

BL67 Electronic Module
8 Digital Outputs, PNP, 0.5 A

- Independent of the type of fieldbus and connection technology used, protection class IP67
- 8 digital outputs, 24 VDC, max. 0.5 A, PNP switching
- From version VN 01-07 and higher, the module supports accelerated start-up for applications with Fast Start-Up (FSU) and QuickConnect (QC).
- LEDs indicate status and diagnostic, electronics galvanically separated from the field level via optocouplers
- Further information: www.turck.de/en/products/6827172

BL67-8XSG-P
ID 6827310

BL67 Electronic Module
8 Configurable Digital Channels, PNP, 0.5 A

- Independent of the type of fieldbus and connection technology used, protection class IP67
- 8 configurable digital channels, 24 VDC, PNP, max. 0.5 A, adjustable filter times, invertible inputs
- From version VN 01-01 and higher, the module supports accelerated start-up for applications with Fast Start-Up (FSU) and QuickConnect (QC).
- LEDs indicate status and diagnostic, electronics galvanically separated from the field level via optocouplers
- Further information: www.turck.de/en/products/6827310

BL67-B-1M23

ID 6827213



BL67 base module

1 × M23 Connector, 12-pin

- Passive connection components for sensors and actuators, quick replacement of electronics in wired state, mechanical coding prevents accidental plugging of the wrong electronic module, protection class IP67
- 1 port
- M23 connection technology, 12-pin
- Further information: www.turck.de/en/products/6827213

BL67-B-1M23-19

ID 6827216



BL67 base module

1 × M23 Connector, 19-pin

- Passive connection components for sensors and actuators, quick replacement of electronics in wired state, mechanical coding prevents accidental plugging of the wrong electronic module, protection class IP67
- 1 port
- M23 connection technology, 19-pin
- Further information: www.turck.de/en/products/6827216

BL67-B-1RSM

ID 6827190



BL67 base module

1 × 7/8" Connector, 5-pin

- Passive connection components for power feeding module, quick replacement of electronics in wired state, mechanical coding prevents accidental plugging of the wrong electronic module, protection class IP67
- 1 port
- 7/8" connection technology, 5-pin, sensor supply, field resp. load voltage supply
- Further information: www.turck.de/en/products/6827190

BL67-B-2M12

ID 6827186



BL67 base module

Connector, male 2 × M12, 5-pin

- Passive connection components for sensors and actuators, quick replacement of electronics in wired state, mechanical coding prevents accidental plugging of the wrong electronic module, protection class IP67
- 2 slots
- M12 connection technology, 5-pin
- Further information: www.turck.de/en/products/6827186

BL67-B-2M12-P
ID 6827194

BL67 base module

1 × M12 Connector, 5-pin, Paired

- Passive connection components for sensors and actuators, quick replacement of electronics in wired state, mechanical coding prevents accidental plugging of the wrong electronic module, protection class IP67
- 2 slots, pairwise assignment
- M12 connection technology, 5-pin
- Further information: www.turck.de/en/products/6827194

BL67-B-4M12
ID 6827187

BL67 base module

4 × M12 Connector, 5-pin

- Passive connection components for sensors and actuators, quick replacement of electronics in wired state, Mechanical coding prevents accidental plugging of the wrong electronic module, protection class IP67
- 4 slots
- M12 connection technology, 5-pin
- Further information: www.turck.de/en/products/6827187

BL67-E
ID 6827347

BL67 Electronic Module

Dummy module/blind cover

- Independent of the type of fieldbus and connection technology used, protection class IP67
- Dummy module for unused slots, combinable with all base modules (M8, M12, M23)
- Further information: www.turck.de/en/products/6827347

BL67-GW-EN
ID 6827214

Gateway for BL67 I/O system

Multiprotocol Interface for Ethernet

- 3 decimal rotary coding switches, protection class IP67
- Multiprotocol interface between the BL67 system and the Ethernet protocols Modbus TCP, EtherNet/IP and PROFINET, PROFINET supports fast start-up (FSU), the EtherNet/IP supports QuickConnect (QC), integrated switch 10/100 Mbps, two female M12, 4-pin, D-coded, for fieldbus connection (from VN 03-00), One male 7/8", 5-pin, for power supply
- LEDs for display of supply voltage, group and bus errors
- Further information: www.turck.de/en/products/6827214

BL67-PF-24 VDC

ID 6827182



BL67 Electronic Module

Power Feeding Module with Diagnostics Function

- Independent of the type of fieldbus and connection technology used, protection class IP67
- Supplies field with 24 VDC nominal voltage
- LEDs indicating system status, field supply and diagnostic information
- Can be used to form potential groups
- Further information: www.turck.de/en/products/6827182

Fieldbus Technology - Safety Modules in IP67

Hybrid safety I/O modules

TBIP-L5-FDIO1-2IOL
ID 6814056


Block Module for EtherNet/IP and CIP Safety

Safe Digital Inputs and Outputs, Standard Universal Digital Channels, IO-Link Master Ports

- Compact Ethernet/IP CIP-safe Block I/O module, 5-pin power supply, 2 safe digital inputs, 2 safe universal digital inputs or outputs, 4 universal digital inputs or outputs, 2 IO-Link master ports Class A
- Integrated Ethernet switch allows line topology, 2 × M12, 4-pin, D-coded Ethernet fieldbus connection, 7/8", 5-pin connector for power supply
- Glass fiber reinforced housing, shock and vibration tested, fully potted module electronics, protection classes IP65, IP67, IP69K
- Further information: www.turck.de/en/products/6814056

TBIP-LL-FDIO1-2IOL
ID 100027260


Block Module for EtherNet/IP and CIP Safety

Safe Digital Inputs and Outputs, Standard Universal Digital Channels, IO-Link Master Ports

M12 L-Coded Voltage Connector

- Compact Ethernet/IP CIP-safe block I/O module, 5-pin power supply, M12, L-coded, 2 safe digital inputs, 2 safe universal digital inputs or outputs, 4 universal digital inputs or outputs, 2 IO-Link master ports class A
- Integrated Ethernet switch allows line topology, 2 × M12, 4-pin, D-coded Ethernet fieldbus connection, 7/8", 5-pin connector for power supply
- Glass fiber reinforced housing, shock and vibration tested, fully potted module electronics, protection classes IP65, IP67, IP69K
- Further information: www.turck.de/en/products/100027260

Safety I/O modules

TBIP-L5-4FDI-4FDX

ID 100001828



Block Module for EtherNet/IP and CIP Safety

Safe Digital Inputs and Outputs

- Compact Ethernet/IP CIP-safe block I/O module, Power supply, 7/8", 5-pin, 4 safe digital inputs, 4 safe universal digital inputs or outputs
- Integrated Ethernet switch allows line topology, 2 × M12, 4-pin, D-coded Ethernet fieldbus connection, 7/8", 5-pin connector for power supply
- Glass fiber reinforced housing, shock and vibration tested, fully potted module electronics, protection classes IP65, IP67, IP69K
- Further information: www.turck.de/en/products/100001828

TBIP-LL-4FDI-4FDX

ID 100027259



Compact and Secure Ethernet I/O Module

Safe Digital Inputs and Outputs

M12 L-Coded Voltage Connector

- Compact Ethernet/IP CIP-safe block I/O module, Power supply, M12, L-coded, 5-pin, 4 safe digital inputs, 4 safe universal digital inputs or outputs
- Integrated Ethernet switch for linear topology, 2 × M12 Ethernet fieldbus connection, D-coded, 4-pin, M12, L-coded, 5-pin power supply connector, max. 2 A per output
- Fiberglass-reinforced housing, shock and vibration tested, fully potted module electronics, protection classes IP65, IP67, IP69K
- Further information: www.turck.de/en/products/100027259

Safety spanner for exchanging safety-related data between networks

TBCS-LL-4FDI-4FDX**ID 100029021**

Compact and Secure Ethernet I/O Module

Safe Digital Inputs and Outputs

M12 L-Coded Voltage Connector

- Compact Ethernet/IP CIP-safe block I/O module, module can be configured as a CIP safety spanner, Power supply, M12, L-coded, 5-pin, 4 safe digital inputs, 4 safe universal digital inputs or outputs
- Integrated Ethernet switch for linear topology, 2 × M12 Ethernet fieldbus connection, D-coded, 4-pin, M12, L-coded, 5-pin power supply connector, max. 2 A per output
- Fiberglass-reinforced housing, shock and vibration tested, fully potted module electronics, protection classes IP65, IP67, IP69K
- Further information: www.turck.de/en/products/100029021

T-splitters

VBRK4.5-2RSC4.883T-0.3/0.3/TXL4000

ID 6634281



2-port Junction Systems

Y-Splitter with Cable- M12 × 1 Female - 2 × M12 × 1 Male

- Jacket material: PUR, jacket color: black, suitable for drag chain use, resistant to chemicals, UV radiation and oils, flame-retardant (FT2 in accordance with UL 1581, IEC 60332-2-2), free from halogen, silicone, PVC and LABS, particularly resistant to abrasion, RoHS-compliant, protection class: IP67
- 5/3-pin
- Cable length: 0.3/0.3 m
- Cable length: 0.3 m, further lengths available
- Further information: www.turck.de/en/products/6634281

RKM 50-FSM 4-RSM 50/S1055/CS16562

ID U2-32009



2-Way Splitters

T-Splitter - Infeed with Integrated Diode

- 7/8"-female 5-pin
- M12 × 1 male, 4-pin
- 7/8"-male, 5-pin
- Ampacity: 4 A
- Plastic, TPU, red
- Protection class NEMA 1, 3, 4, 6, 6P and IEC IP67
- Temperature range: -40...+75 °C
- Further information: www.turck.de/en/products/U2-32009

RSP56PL-0.2/2RKP56PL-0.2/0.2/CS17641

ID 100029891



M12 Power Splitters

T-Splitter - Outfeed with Integrated Diode

- M12 Power, Male, 4-pole + FE, L-coded
- 2 × M12 Power, Female, 4-pole + FE, L-coded
- Plastic, TPU, red
- Resistant to UV radiation and oils, -40 °C cold bend rating, flame-retardant (UL 1685 FT4, CSA FT1, CSA FT4, IEC 60332-3-22)
- Cable length: 0.2 m
- Further information: www.turck.de/en/products/100029891

RSP56PL-0.2/2RKP56PL-0.2/0.2/CS17642

ID 100029893



M12 Power Splitters

T-Splitter - Outfeed

- M12 Power, Male, 4-pole + FE, L-code
- 2 × M12 Power, Female, 4-pole + FE, L-coded
- Plastic, TPU, orange
- Resistant to UV radiation and oils, -40 °C cold bend rating, flame-retardant (UL 1685 FT4, CSA FT1, CSA FT4, IEC 60332-3-22)
- Cable length: 0.2 m
- Further information: www.turck.de/en/products/100029893

RSP56PL-0.2-FSM4-RKP56PL-0.2/CS17640

ID 100029892

**M12 Power Splitters****T-Splitter - Infeed**

- M12 Power, Male, 4-pole + FE, L-coded
 - M12, Male, 4-pole, A-code
 - M12 Power, Female, 4-pole + FE, L-coded
 - Plastic, TPU, orange
 - Resistant to UV radiation and oils, -40 °C cold bend rating, flame-retardant (UL 1685 FT4, CSA FT1, CSA FT4, IEC 60332-3-22)
 - Cable length: 0.2 m
 - Further information: www.turck.de/en/products/100029892
-

Decoupling of OSSD outputs

TBSB-I1-CS04

ID 100012761



Machine Safety Decoupling Box

- Polycarbonate/ABS
- Input connector M12 A-coded for safety-related decoupling of OSSD outputs via mechanical contacts
- Electromechanical switch box for decoupling OSSD signals with potential-free contacts
- Switching off of outputs, M12 × 1 input PIN 4 and PIN 2 via external safety module
- EDM feedback circuit for monitoring, M12 output PIN 5 via external safety module
- Shutdown with potential-free contacts up to PLe according to EN ISO 13849-1 via M12 × 2 contact 1 PIN 1 and PIN 4, contact 2 PIN 2 and PIN 5
- Further information: www.turck.de/en/products/100012761

Safety switch box

TBSB-L5-CS09**ID 100002112**

Machine Safety
Switch Box for Disconnecting the Actuator Voltage V2
■ Further information: www.turck.de/en/products/100002112

TBSB-LL-CS16**ID 100003275**

Machine Safety
Switch Box for Disconnecting the Actuator Voltage V 2
■ Further information: www.turck.de/en/products/100003275

E-Stop button

SSA-EB2P-02ED1Q5B

ID 3085863



Safety Technology

E-Stop Button

Unlit

- Protection class IP65, compatible with Turck safety modules TBIP...
- 2 safety outputs (NC, potential-free), M12 × 1 male connector, 5-pin
- Further information: www.turck.de/en/products/3085863

Fieldbus Technology in IP20

Digital I/O modules

FEN 20-16DXP**ID 6931089**

Compact IP20 Multiprotocol Ethernet I/O Module
16 Universal Digital Channels

- EtherNet/IP slave, Modbus TCP slave, PROFINET slave, 2 RJ45 ports for the Ethernet connection, integrated Ethernet switch, 10/100 Mbps
- 16 universal digital channels, DI/DO, 24 VDC, PNP, output current: 1.0 A
- Protection class IP20
- DIN rail mount housing
- Further information: www.turck.de/en/products/6931089

FEN 20-4DIP-4DXP**ID 6931090**

Compact IP20 Multiprotocol Ethernet I/O Module
4 digital Inputs, 4 Universal Digital Channels

- EtherNet/IP slave, Modbus TCP Slave, PROFINET slave, 2 RJ45 ports for the Ethernet connection, integrated Ethernet switch, 10/100 Mbps
- 4 digital inputs, 4 universal digital channels, DI/DO, 24 VDC, PNP, output current: 1.0 A
- Protection class IP20
- Further information: www.turck.de/en/products/6931090

Modular I/O system BL20

BL20-E-8DI-24 VDC-P

ID 6827227



BL20 Economy Module

8 Digital Inputs, PNP

- Fieldbus-independent, electronics and connection technology in one housing, connectivity: Push-in terminals, protection class IP20
- 8 digital inputs, 24 VDC, PNP switching
- Further information: www.turck.de/en/products/6827227

BL20-E-8DO-24 VDC-0.5 A-P

ID 6827226



BL20 Economy Module

8 Digital Outputs, PNP, 0.5 A

- Fieldbus-independent, electronics and connection technology in one housing, connectivity: Push-in terminals, protection class IP20
- 8 digital outputs, 24 VDC, max. 0.5 A, PNP switching
- Further information: www.turck.de/en/products/6827226

BL20-E-GW-EN

ID 6827329



Gateway for the BL20 I/O System

Multiprotocol Interface for Ethernet

- Protection class IP20, 2 × end brackets BL20-WEW35/2-SW, 1 × end plate BL20-ABPL
- Multiprotocol gateway between the BL20 system and the Ethernet protocols Modbus TCP, EtherNet/IP and PROFINET (from VN 03-00), PROFINET supports fast start-up (FSU), EtherNet/IP supports QuickConnect (QC), integrated switch 10/100 Mbps, Two RJ45 ports for fieldbus connection, Push-in terminals for connection of power supply
- LEDs for display of supply voltage, group and bus errors
- Further information: www.turck.de/en/products/6827329

BL20-PF-24 VDC-D

ID 6827007



BL20 Electronic Module

Power Feeding Module with Diagnostics Function

- Fieldbus and connection technology independent, protection class IP20
- Supplies field with 24 VDC nominal voltage
- LEDs indicating system status, field supply and diagnostic information, can be used to form potential groups
- Further information: www.turck.de/en/products/6827007

Power Supply in IP67

PSU67-3P-1S-2L-24250-IOL-F

ID 100025929



Compact Power Supply Module in IP67

24 VDC Output Voltage

3-Phase, 25-A Output Current, IO-Link Interface

- High efficiency, > 95 %, 3-phase AC input, M12 S-coded, Current-limited outputs, 2 × M12 L-coded, Protection by 4 separate eFuses, IO-Link interface for checking and parameterization, LED interface and control buttons for maximum flexibility
- Broad temperature range, Status LED
- Further information: www.turck.de/en/products/100025929

PS67-M12-S-Set-01

ID 100029329



Mounting Plate for PSU67

16 A Load Break Switch and h-Splitter

- 3-pole disconnecter switch 16 A for 400 VAC, pre-wired, h-splitter M12 S-coded for looping through the 400 VAC signal (1 × male connector (IN))
- 1 × female connector (OUT)
- 1 × M12 S-coded female connector (OUT) to PSU
- Further information: www.turck.de/en/products/100029329

Identification System

TBEN-LL-4RFID-8DXP

ID 100002463



Compact Multiprotocol RFID Module for Ethernet
4 RFID Channels (HF/UHF) and 8 Universal Digital Channels, Configurable as PNP Inputs or 2-A Outputs

- PROFINET device, EtherNet/IP device or Modbus TCP master/slave, 4 channels with M12 connector for RFID, 8 universal digital channels, configurable as PNP inputs or 2-A outputs, integrated Ethernet switch, supports 10 Mbps/100 Mbps
- Further information: www.turck.de/en/products/100002463

TBEN-L5-4RFID-8DXP

ID 100000836



Compact Multiprotocol RFID Module for Ethernet
4 RFID Channels (HF/UHF) and 8 Universal Digital Channels, Configurable as PNP Inputs or 2-A Outputs

- PROFINET device, EtherNet/IP device or Modbus TCP master/slave, PROFINET S2 system redundancy, 4 channels with M12 connector for RFID, 8 universal digital channels, configurable as PNP inputs or 2-A outputs, integrated Ethernet switch, supports 10 Mbps/100 Mbps
- Further information: www.turck.de/en/products/100000836

TNLR-Q80-H1147

ID 7030230



HF Read/Write Device

- Rectangular, height 40 mm, Active face on top, plastic, PBT-GF30-VO
- Further information: www.turck.de/en/products/7030230

TNSLR-Q42TWD-H1147

ID 7030424



HF Read/Write Device

- Rectangular, height 42.5 mm, Active face on top, plastic, PA12-GF30
- Further information: www.turck.de/en/products/7030424

TNSLR-Q80WD-H1147

ID 7030418



HF Read/Write Device

- Rectangular, height 40 mm, Active face on top, plastic, PPS-GF30
- Further information: www.turck.de/en/products/7030418

RK4.5T-5-RS4.5T/S2500**ID 6699201****RFID Cable Standard Version
Extension Cable**

- 4-core, AWG 24/AWG 22, jacket material: PUR, color: yellow, halogen- and LABS-free, Shield: Aluminum foil, tinned copper braid, jacket diameter: 6.4 mm, suitable for drag chain use, oil-resistant, highly flexible, cable UL Style 20963
- Cable length: 5.0 m
- Cable length: 5 m, further lengths available
- Further information: www.turck.de/en/products/6699201

TW-R50-K2**ID 6900507****HF Tag**

- FRAM memory 2 kB
- Not for direct mounting on metal
- Further information: www.turck.de/en/products/6900507

HMI

Mimicbox 10"

MIMICBOX-10-001"**ID 100029045**

TX100 HMI Series in Rittal Steel Housing IP66
10 Display with TX VisuPro Runtime

- Rittal steel housing, dip-primed/powder-coated, galvanized mounting plate, Key profile: 7 mm square, 10" HMI with TXVisuPro Runtime, LED backlight, 1024 × 600 pixel resolution, 64K colors, resistive touch screen
- 1 × M12 L-coded Power, 1 × M12 × 1 Ethernet port, 1 × USB host port
- Further information: www.turck.de/en/products/100029045

Conveyor and process inspection boxes

OPIL-E4-IO2-FE01

ID 100029326



Conveyor Box for Connection to IO-Link Master

1 Lamp, 1 Button with Lamp, 1 Contact Sensor with Lamp

- Rugged housing, Label language: German
- 1 × red status lamp, 1 × button with blue lamp, 1 × illuminated (white) touch button
- Further information: www.turck.de/en/products/100029326

OPIL-E4-IO2-FE02

ID 100029327



Conveyor Box for Connection to IO-Link Master

1 Lamp, 1 Button with Lamp, 1 Contact Sensor with Lamp

- Rugged housing, Label language: Spanish
- 1 × red status lamp, 1 × button with blue lamp, 1 × illuminated (white) touch button
- Further information: www.turck.de/en/products/100029327

OPIL-E4-IO2-FE03

ID 100029328



Conveyor Box for Connection to IO-Link Master

1 Lamp, 1 Button with Lamp, 1 Contact Sensor with Lamp

- Rugged housing, Label language: Romanian
- 1 × red status lamp, 1 × button with blue lamp, 1 × illuminated (white) touch button
- Further information: www.turck.de/en/products/100029328

OPIL-E4-IO3-FE01

ID 100036505



Ford Process Inspection Box to IO-Link Master

- Rugged housing
- Label language: German
- 4 × illuminated touch buttons, ring illumination: white
- Further information: www.turck.de/en/products/100036505

OPIL-E4-IO3-FE02

ID 100036506



Ford Process Inspection Box to IO-Link Master

- Rugged housing
- Label language: Spanish
- 4 × illuminated touch buttons, ring illumination: white
- Further information: www.turck.de/en/products/100036506

OPIL-E4-IO3-FE03

ID 100036507



Ford Process Inspection Box to IO-Link Master

- Rugged housing
- Label language: Romanian
- 4 × illuminated touch buttons, ring illumination: white
- Further information: www.turck.de/en/products/100036507

OPIL-E4-IO3-FE04

ID 100036394

**Ford Process Inspection Box to IO-Link Master**

- Rugged housing
 - Label language: English
 - 4 × illuminated touch buttons, ring illumination: white
 - Further information: www.turck.de/en/products/100036394
-

LED Technology

IO-Link tower lights

TL50 3 A K Q

TL50	Series	3	Number of LED elements	A	Acoustic alarm/protection type
	TL50 Signal light TL50 Standard		Number of LED elements (Position starting from the bottom)		Acoustic alarm/protection type
			1 1 LED element	blank	not available (IP67)
			2 2 LED elements	A	Beeper (IP50)
			3 3 LED elements	ALS	Beeper (IP67)
			4 4 LED elements	AOS	Beeper in all directions (IP67)
			5 5 LED elements	AOSI	Omnidirectional beeper, continuous tone with adjustable intensity (IP67)
			6 6 LED elements		
			7 7 LED elements		
			8 8 LED elements		
			9 9 LED elements		
			10 10 LED elements		
K	IO-Link	Q	Connection		
	Technology K IO-Link		Connection Q Integrated M12 x 1 connector		

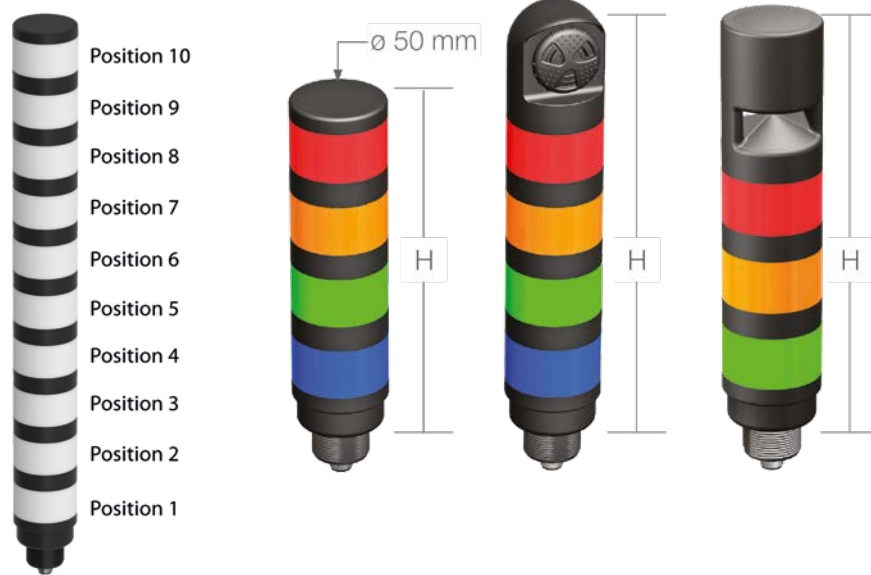
Technical data	TL50...KQ
Power supply	– 10...30 VAC or 21...27 VAC; 100...240 VAC – With more than 5 LED elements 12...30 VAC or 21...28 VAC
Housing material	Plastic, ABS, black
Window material	Polycarbonate, diffuse
Ambient temperature	General: -10...+50 °C (14...122 °F) IP67 variants: -20...+50 °C (-4...+122 °F)
Approvals	 

Beeper properties	Figure	Properties
TL50...AKQ		Max. volume: 92 dB (1 m typically)
TL50...ALSKQ		Max. volume: 94 dB (1 m typically)
TL50...AOSKQ TL50...AOSIKQ		Max. standard volume: 99 dB (1 m typically) Max. adjustable volume: 95 dB (1 m typically)

Height in mm	1	2	3	4	5	6	7	8	9	10
LED elements										
TL50...KQ	46.2	72	97.8	123.6	149.4	175.2	201	226.8	252.6	278.4
TL50...AKQ	77.1	102.9	128.7	154.5	180.3	206.1	231.9	257.7	283.5	309.3
TL50...ALSKQ	100.2	126	151.8	177.6	203.4	229.2	255	280.8	306.6	332.4
TL50...AOSKQ TL50...AOSIKQ	114.2	140.0	165.8	191.6	217.4	243.4	269.2	295	320.8	346.6
Positions of LED elements	Height									

Technical data

TL50...KQ



TL50 ACCESSORIES

Tower light kit:

❶ Label SA30-78 x 76 x... (... = Number of LED elements)

❷ Mounting bracket (right angled) SMBAMS30RA

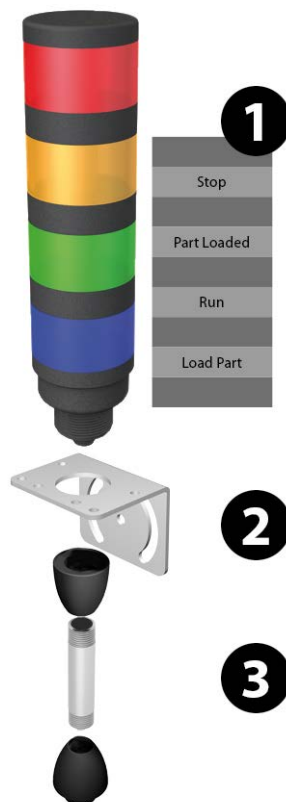
❸ Accessories:

Top: SA-M30TE12 (ID 3010137)

SOP-E12-...A stand-off pipe (Aluminum b black anodized,... = Height in mm,

available in 150/300/600/900)

Bottom: SA-E12M30 (ID 3078414)



TL50GYRAKQ
ID 3801290


LED Indicator

Tower Light

- Beeper max. 92 dB
- Plastic housing, black, EMI and RFI immune, protection class IP50, M12 × 1 male
- Parameterizable via IO-Link
- Colors: green (COL 1)/yellow (COL 2)/red (COL 3)
- Further information: www.turck.de/en/products/3801290

TL50GYRKQ
ID 3801283


LED Indicator

Tower Light

- Plastic housing, black, EMI and RFI immune, protection class IP67, M12 × 1 male connector
- Parameterizable via IO-Link
- Colors: green (COL 1)/yellow (COL 2)/red (COL 3)
- Further information: www.turck.de/en/products/3801283

Stand-alone - illuminated touchbutton

K50PTCAMGRY3Q-812166

ID 3812166



Capacitive Sensor

- 3-color RGB touch button
- Multicolor, programmable
- Special type, light color: high-intensity white M12 × 1 connector, 5-pin
- Operating voltage 12...30 VDC
- PNP switching
- NO contact
- Protection class IP67/IP69K
- Further information: www.turck.de/en/products/3812166

LED indicator

S15LGYPQ**ID 3808232**

LED Indicator

- Two-colored in-line sensor status display, displays active power supply and sensor output, housing material: Polyurethane, protection class IP67, M12, 4-pin, male/female connectors
- Operating voltage 10...30 V DC, Input signal: PNP
- Active sensor output: Yellow (COL 1), Active power supply: Green (COL2)
- Further information: www.turck.de/en/products/3808232

Inductive Coupler

NICP-M30-IOL2P8X-H1141

ID 4300101



Inductive coupler

Primary Side

- Threaded barrel, M30 × 1.5, chrome-plated brass
- DC 4-wire, 24 VDC, 2 × PNP output, male, M12 × 1, IO-Link transmission
- Non-flush mounting
- Further information: www.turck.de/en/products/4300101

NICS-M30-IOL2P8-0,3-RKC4.4T

ID 4300301



Inductive coupler

Secondary Side

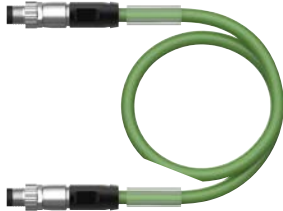
- Threaded barrel, M30 × 1.5, chrome-plated brass
- DC 4-wire, 24 VDC, 2 × PNP output, male, Pigtail with M12 × 1, IO-Link transmission
- Non-flush mounting
- Further information: www.turck.de/en/products/4300301

Connection Technology - Ethernet

Cables and flanges - 4-pin: M8 and RJ45

PSGS4M-PSGS4M-4416-2M

ID 6934034

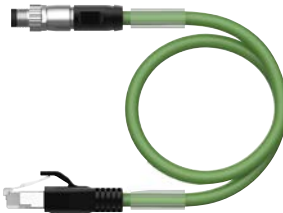


Industrial Ethernet/PROFINET Cable
PUR Cable Jacket

- M8 male connector, straight
- Ethernet cable: 4-pin, AWG 22, CAT 5E, jacket material: PUR, jacket color: green, shielding: overlapping aluminum foil, tinned copper wire, jacket diameter: 6.5 mm, suitable for drag chain use, oil resistant acc. to IEC 60811-2-1 and UL13, halogen free acc. to IEC 60754, flame retardant acc. to IEC 60332-1-2 and UL2556 VW1
- Approval cULus, RoHS compliant, PNO compliant
- Cable length: 2.0 m
- M8 male connector, straight
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/6934034

PSGS4M-RJ45S-4416-2M

ID 6935343



Industrial Ethernet/PROFINET Cable
Extension Cable

- M8 male connector, straight
- Ethernet cable: 4-pin, AWG 22, CAT 5E, jacket material: PUR, jacket color: green, shielding: overlapping aluminum foil, tinned copper wire, jacket diameter: 6.5 mm, suitable for drag chain use, oil resistant acc. to IEC 60811-2-1 and UL13, halogen free acc. to IEC 60754, flame retardant acc. to IEC 60332-1-2 and UL2556 VW1
- Approval cULus, RoHS compliant, PNO compliant
- Cable length: 2.0 m
- RJ45 male connector, straight, 4-pin
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/6935343

Cables and flanges - 4-pin: M12 D-coded and RJ45

RSSD-PSGS4M-4416-2M

ID 6935351



Industrial Ethernet/PROFINET Cable

PUR Cable Jacket

- M12 male connector, straight, D-coded
- Ethernet cable: 4-pin, AWG 22, CAT 5E, jacket material: PUR, jacket color: green, shielding: overlapping aluminum foil, tinned copper wire, jacket diameter: 6.5 mm, suitable for drag chain use, oil resistant acc. to IEC 60811-2-1 and UL13, halogen free acc. to IEC 60754, flame retardant acc. to IEC 60332-1-2 and UL2556 VW1
- Approval cULus, RoHS compliant, PNO compliant
- Cable length: 2.0 m
- M8 male connector, straight
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/6935351

RSSD-RSSD-4416-2M

ID 6441652



Industrial Ethernet/PROFINET Cable

PUR Cable Jacket

- M12 male connector, straight, D-coded
- Ethernet cable: 4-pin, AWG 22, CAT 5E, jacket material: PUR, jacket color: green, shielding: overlapping aluminum foil, tinned copper wire, jacket diameter: 6.5 mm, suitable for drag chain use, oil resistant acc. to IEC 60811-2-1 and UL13, halogen free acc. to IEC 60754, flame retardant acc. to IEC 60332-1-2 and UL2556 VW1
- Approval cULus, RoHS compliant, PNO compliant
- Cable length: 2.0 m
- M12 male, straight
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/6441652

RSSD-RJ45S-4416-2M

ID 6441631



Industrial Ethernet/PROFINET Cable

Extension Cable

- M12 male connector, straight, D-coded
- Ethernet cable: 4-pin, AWG 22, CAT 5E, jacket material: PUR, jacket color: green, shielding: overlapping aluminum foil, tinned copper wire, jacket diameter: 6.5 mm, suitable for drag chain use, oil resistant acc. to IEC 60811-2-1 and UL13, halogen free acc. to IEC 60754, flame retardant acc. to IEC 60332-1-2 and UL2556 VW1
- Approval cULus, RoHS compliant, PNO compliant
- Cable length: 2.0 m
- RJ45 male connector, straight, 4-pin
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/6441631

RJ45S-RJ45S-4416-2M
ID 6441613

Industrial Ethernet/PROFINET Cable

- RJ45 male connector, straight, 4-pin
- Ethernet cable: 4-pin, AWG 22, CAT 5E, jacket material: PUR, jacket color: green, shield: Aluminum foil overlapped, tinned copper wire, jacket diameter: 6.5 mm, suitable for drag chain use, oil resistant acc. to IEC 60811-2-1 and UL13, free from halogen acc. to IEC 60754, flame-retardant acc. to IEC 60332-1-2 and UL2556 VW1, RoHS-compliant, PNO-compliant
- Cable length: 2.0 m
- RJ45 male connector, straight, 4-pin
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/6441613

RSSD-RSSX-4414-5M
ID 100031287

Industrial Ethernet Cable
PUR Cable Jacket

- M12 male connector, straight, D-coded
- Ethernet cable: 4-pin, AWG 26, CAT 5E acc. to ISO/IEC 11801, EN 50173, EIA/TIA 568-A, jacket material: PUR, jacket color: green, shield: aluminum-laminated polyester film, copper braid, jacket diameter: 4.8 mm, suitable for drag chain use, UV-resistant, oil-resistant acc. to IEC 60811-2-1 and DIN VDE 0282 part 10, free from silicone, PVC and LABS, free from halogen acc. to IEC 60754-2, flame-retardant acc. to IEC 60332-1-2, RoHS-compliant, protection class IP67
- Cable length: 5.0 m
- M12 male connector, straight, X-coded
- Cable length: 5 m, further lengths available
- Further information: www.turck.de/en/products/100031287

Cables and flanges - 8-pin: M12 A-coded and RJ45

RSS-RSS-8814-2M

ID 100024269



Industrial Ethernet Cable Extension Cable

- Ethernet cable: 8-pin, AWG 26, CAT 6 A, jacket material: PUR, jacket color: green, jacket diameter: 6.7 mm, Paired and shielded, oil-resistant in accordance with DIN EN 60811-404 (7 × 24 h/90 °C), UV-resistant, flame-retardant acc. to IEC 60332-2, RoHS-compliant (2011/65/EC)
- Cable length: 2.0 m
- M12 male, straight, A-coded
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/100024269

RSS-RJ45S-8814-2M

ID 100017688



Industrial Ethernet Cable Connection Cable

- Ethernet cable: 8-pin, AWG 26, CAT 6 A, jacket material: PUR, jacket color: green, jacket diameter: 6.7 mm, Paired and shielded, oil-resistant in accordance with DIN EN 60811-404 (7 × 24 h/90 °C), UV-resistant, flame-retardant acc. to IEC 60332-2, RoHS-compliant (2011/65/EC)
- Cable length: 2.0 m
- RJ45 male connector, straight, 8-pin
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/100017688

Cables and flanges - 8-pin: M12 X-coded and RJ45

RJ45S-RJ45S-8814-2M
ID 100000695


Industrial Ethernet Cable Connection Cable

- Ethernet cable: 8-pin, AWG 26, CAT 6 A, jacket material: PUR, jacket color: green, jacket diameter: 6.7 mm, paired and shielded, oil-resistant in accordance with DIN EN 60811-404 (7 × 24 h/90 °C), UV-resistant, flame-retardant acc. to IEC 60332-2, RoHS-compliant (2011/65/EC)
- RJ45 male connector, straight, 8-pin
- Cable length: 2.0 m
- RJ45 male connector, straight, 8-pin
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/100000695

RSSX-RSSX-8814-2M
ID 100002276


Industrial Ethernet Cable Connection Cable

- Ethernet cable: 8-pin, AWG 26, CAT 6 A, jacket material: PUR, jacket color: green, jacket diameter: 6.7 mm, paired and shielded, oil-resistant in accordance with DIN EN 60811-404 (7 × 24 h/90 °C), UV-resistant, flame-retardant acc. to IEC 60332-2, RoHS-compliant (2011/65/EC)
- M12 male connector, straight, X-coded
- Cable length: 2.0 m
- M12 male connector, straight, X-coded
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/100002276

RSSX-RJ45S-8814-2M
ID 100002337


Industrial Ethernet Cable Connection Cable

- M12 male connector, straight, X-coded
- RJ45 male connector, straight, 8-pin
- Cable length: 2.0 m
- M12 male connector, straight, X-coded
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/100002337

Field-wireable connector, bulk cable and accessories

FW-M12ST5D-G-SB-ME-SH-8

ID 6604218



- Round connector M12 × 1
- Field-Wireable Connector
- Male Connector M12 × 1, Straight
- Approvals: UL
- For use in Ethernet applications, shielding via iris spring, D-coding, metal housing
- 4-pin
- Cable feedthrough 5.0...8.0 mm
- Approvals: UL
- Screw-clamp terminal
- Further information: www.turck.de/en/products/6604218

FW-M12KU5D-G-SB-ME-SH-8

ID 6604219



- Round connector M12 × 1
- Field-Wireable Connector
- Female Connector, M12 × 1, Straight
- Approvals: UL
- For use in Ethernet applications, shielding via iris spring, D-coding, metal housing
- 4-pin
- Cable feedthrough 5.0...8.0 mm
- Approvals: UL
- Screw-clamp terminal
- Further information: www.turck.de/en/products/6604219

BIC-44-E424

ID U3-00003



- Accessories for Fieldbus Systems
- Wall/panel feed-through
- For Industrial Ethernet, RJ45 on M12 × 1, 4-port, 4-pin, Voltage: 125 V, ampacity: 1.5 A, temperature: -30...+75 °C, D-coding, protection class: IP20/67
- Further information: www.turck.de/en/products/U3-00003

FKSDD RJ45SF 44

ID U3-00647



- Accessories for Fieldbus Systems
- Wall/panel feed-through
- For Industrial Ethernet, RJ45 on M12 × 1, 4-pin, admissible wall thickness: 1.5...3 mm, mounting thread: M16 × 1, 8-pin, D-coding, voltage: 42 V, ampacity: 1.5 A, temperature: -40...+75 °C, protection class: IP20/67, scope of delivery: wall feedthrough, seal and nut
- Further information: www.turck.de/en/products/U3-00647

FKSD-FKSD-44
ID 6935264

Accessories for Fieldbus Systems
Ethernet Adapter and Wall Feedthrough M12 Female Connector

- For Industrial Ethernet, M12 × 1 female on M12 × 1 female, 4-pin, mounting thread: M16 × 1.5, D-coding, voltage: 48 V, ampacity: 4 A, temperature: -30...+85 °C, protection class: IP67
- Further information: www.turck.de/en/products/6935264

CABLE4416-100M
ID 6441600

Industrial Ethernet/PROFINET Cable
PUR Cable Jacket

- Ethernet cable: 4-pin, AWG 22, CAT 5E, jacket material: PUR, jacket color: green, shielding: overlapping aluminum foil, tinned copper wire, jacket diameter: 6.5 mm, suitable for drag chain use, oil resistant acc. to IEC 60811-2-1 and UL13, halogen free acc. to IEC 60754, flame retardant acc. to IEC 60332-1-2 and UL2556 VW1
- Approval cULus, RoHS compliant, PNO compliant
- Cable length: 100 m
- Further information: www.turck.de/en/products/6441600

CABLE4416-500M
ID 6441601

Industrial Ethernet/PROFINET Cable
PUR Cable Jacket

- Ethernet cable: 4-pin, AWG 22, CAT 5E, jacket material: PUR, jacket color: green, shielding: overlapping aluminum foil, tinned copper wire, jacket diameter: 6.5 mm, suitable for drag chain use, oil resistant acc. to IEC 60811-2-1 and UL13, halogen free acc. to IEC 60754, flame retardant acc. to IEC 60332-1-2 and UL2556 VW1
- Approval cULus, RoHS compliant, PNO compliant
- Cable length: 500 m
- Further information: www.turck.de/en/products/6441601

CABLE4416-1000M
ID 100000968

Industrial Ethernet/PROFINET Cable
PUR Cable Jacket

- Ethernet cable: 4-pin, AWG 22, CAT 5E, jacket material: PUR, jacket color: green, shielding: overlapping aluminum foil, tinned copper wire, jacket diameter: 6.5 mm, suitable for drag chain use, oil resistant acc. to IEC 60811-2-1 and UL13, halogen free acc. to IEC 60754, flame retardant acc. to IEC 60332-1-2 and UL2556 VW1
- Approval cULus, RoHS compliant, PNO compliant
- Cable length: 1000 m
- Further information: www.turck.de/en/products/100000968

Connection Technology - M12 S Power Cables (400 VAC)

Cables and flanges

RKP46PSB-2-RSP46PSB/TXR

ID 100030353



M12 Power Cable Extension Cable

- M12 female connector, S-coded, straight, 4-pin (3+PE)
- Sheathing material: PUR, jacket color: red, highly resistant against oils, coolants, lubricants and emulsions, suitable for use in drag chains, resistant to vibrations and shocks, flame-retardant, halogen-free, RoHS-compliant, protection class: IP65, IP67, IP69K
- Cable length: 2.0 m
- M12 male connector, S-coded, straight, 4-pin (3+PE)
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/100030353

RKP46PSB-2/TXR

ID 100030340



M12 Power Cable Connection Cable

- M12 female connector, S-coded, straight, 4-pin (3+PE)
- Sheathing material: PUR, jacket color: red, highly resistant against oils, coolants, lubricants and emulsions, suitable for use in drag chains, resistant to vibrations and shocks, flame-retardant, halogen-free, RoHS-compliant, protection class: IP65, IP67, IP69K
- Cable length: 2.0 m
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/100030340

Splitters

VH2-M12S-M4-2F4
ID 100028588


M12 Power Splitters

Small h-Splitter

- M12 connector, 2 × M12 female connector, 3-pin + PE, S-coded, UL approval, CE and RoHS compliant, protection class: IP65, IP67, IP68
- Further information: www.turck.de/en/products/100028588

VT2-M12S-M4-2F4
ID 100028580


M12 Power Splitters

T-Splitter

- M12 connector, 2 × M12 female connector, 3-pin + PE, S-coded, UL approval, CE and RoHS compliant, protection class: IP65, IP67, IP68
- Further information: www.turck.de/en/products/100028580

VH3-M12S-M4-3F4
ID 100028592


M12 Power Splitters

Large H-Splitter

- M12 connector, 3 × M12 female connector, 3-pin + PE, S-coded, UL approval, CE and RoHS compliant, protection class: IP65, IP67, IP68
- Further information: www.turck.de/en/products/100028592

Field-wireable connector, bulk cable and accessories

FW-ERKPM0414-PS-S-0810

ID 100026332



- M12 Power
Field-Wireable Connector
Female Connector, M12 × 1, Straight
- S coding, Metal coupling nut
 - 4-pin (3+PE)
 - Cable feedthrough: 8.0...10.0 mm, terminal capacity: Max. 1.5 mm² or 16 AWG (with cable end sleeve), max. 2.5 mm² or 14 AWG (without cable end sleeve)
 - Screw-clamp terminal
 - Further information: www.turck.de/en/products/100026332

FW-ERSPM0414-PS-S-0810

ID 100026333



- M12 Power
Field-Wireable Connector
Male Connector M12 × 1, Straight
- S coding, Metal retaining screw
 - 4-pin (3+PE)
 - Cable feedthrough: 8.0...10.0 mm, terminal capacity: Max. 1.5 mm² or 16 AWG (with cable end sleeve), max. 2.5 mm² or 14 AWG (without cable end sleeve)
 - Screw-clamp terminal
 - Further information: www.turck.de/en/products/100026333

CABLE(3+1)X1.5-XX-PUR-RD-1000M/TXR

ID 100031445



- M12 Power Cable
Bulk Cable
- Jacket material: PUR, jacket color: red, highly resistant against oils, coolants, lubricants and emulsions, suitable for use in drag chains, flame-retardant, halogen-free, RoHS compliant
 - Further information: www.turck.de/en/products/100031445

CAUTION LABEL (10/BAG)

ID U2-23689



- Accessories for Power Supply Cables
Warning Sign
- Warning sign, 10 per package
 - Further information: www.turck.de/en/products/U2-23689

FKFD46PS-2/M16

ID U2-29266



- M12 Power Flange
Rear-mounted
- Female connector, M12 × 1, S-coded, 3-pin + PE
 - Conductor length: 2 m, further lengths available
 - Further information: www.turck.de/en/products/U2-29266

FSFD46PS-2/M16**ID U2-29263**

M12 Power Flange

Rear-mounted

- Connector, M12 × 1, S-coded, 3-pin + PE
- Conductor length: 2 m, further lengths available
- Further information: www.turck.de/en/products/U2-29263

Connection Technology - M12 L Power Cables (24 VDC)

Cables and flanges

RKP44PL-*-RSP44PL/S1587/S2630

ID 777045220



Power Cable

Connection Cable

- M12 female connector, straight, 4-pin, L-coded
- M12 female connector, straight, 4-pin
- Resistant to UV radiation and oils, flame-retardant (UL 1685 FT4, UL 1061, CSA FT1, CSA FT4, IEC 60332-3-22)
- -40 °C Cold Bend Rating
- Cable length: different lengths available
- Further information: www.turck.de/en/products/777045220

RKP44PL-*/S1587/S2630

ID 777045221



Power Cable

Connection Cable

- M12 female connector, straight, 4-pin
- Resistant to UV radiation and oils, flame-retardant (UL 1685 FT4, UL 1061, CSA FT1, CSA FT4, IEC 60332-3-22)
- -40 °C Cold Bend Rating
- Cable length: different lengths available
- Further information: www.turck.de/en/products/777045221

Splitters

VT2-M12L-M5-2F5
ID 100028579


M12 Power Splitters

T-Splitter

- M12 connector, 2 × M12 female connector, 4-pin + FE, L-coded, UL approval, CE and RoHS compliant, protection class: IP65, IP67, IP68
- Further information: www.turck.de/en/products/100028579

VH2-M12L-M5-2F5
ID 100028587


M12 Power Splitters

Small h-Splitter

- M12 connector, 2 × M12 female connector, 4-pin + FE, L-coded, UL approval, CE and RoHS compliant, protection class: IP65, IP67, IP68
- Further information: www.turck.de/en/products/100028587

VH3-M12L-M5-3F5
ID 100028591


M12 Power Splitters

Large H-Splitter

- M12 connector, 3 × M12 female connector, 4-pin + FE, L-coded, UL approval, CE and RoHS compliant, protection class: IP65, IP67, IP68
- Further information: www.turck.de/en/products/100028591

Field-wireable connector and accessories

W-ERKPM0514-PL-S-0813

ID 100008139



M12 Power

Field-Wireable Connector

Female Connector, M12 x 1, Straight

- L-coding, metal coupling nut
- 5-pin (4+FE)
- Cable feedthrough: 8.0...13.0 mm, terminal capacity: max. 1.5 mm² or 16 AWG (with cable end sleeve), max. 2.5 mm² or 14 AWG (without cable end sleeve)
- Screw-clamp terminal
- Further information: www.turck.de/en/products/100008139

FW-ERSPM0514-PL-S-0813

ID 100008140



M12 Power

Field-Wireable Connector

Male Connector M12 x 1, Straight

- L-coding, metal retaining screw
- 5-pin (4+FE)
- Cable feedthrough: 8.0...13.0 mm, terminal capacity: max. 1.5 mm² or 16 AWG (with cable end sleeve), max. 2.5 mm² or 14 AWG (without cable end sleeve)
- Screw-clamp terminal
- Further information: www.turck.de/en/products/100008140

FKFD54PL-1/M16

ID 100028353



M12 Power Flange

Rear-mounted

- 4-pin + FE
- Cable length: 1 m, further lengths available
- Further information: www.turck.de/en/products/100028353

FSFD54PL-1/M16

ID 100028356



M12 Power Flange

Rear-mounted

- 4-pin + FE
- Cable length: 1 m, further lengths available
- Further information: www.turck.de/en/products/100028356

Connection Technology - Adapter (M12-L, 7/8")

RKM50.2-0.3-RSP56PLB/TXG

ID 100031610



M12 Power Cable
Extension Cable

- 7/8" female connector, straight, 5-pin
- Application: 7/8" module on existing M12 power module, jacket material: PUR, jacket color: gray, highly resistant against oils, coolants, lubricants and emulsions, suitable for use in drag chains, resistant to vibrations and shocks, flame retardant, halogen free, RoHS compliant
- Cable length: 0.3 m
- M12 male connector, L-coded, straight, 5-pin (4+FE)
- Cable length: 0.3 m, further lengths available
- Further information: www.turck.de/en/products/100031610

RKP56PLB-0.3-RSM50.2/TXG

ID 100028504



M12 Power Cable
Extension Cable

- M12 power cable, L-coded, female connector, straight, 5-pin (4+FE)
- Application: M12 power module on existing 7/8" module, jacket material: PUR, jacket color: gray, highly resistant to oils, coolants, lubricants and emulsions, suitable for use in drag chains, resistant to vibrations and shocks, flame retardant, halogen-free, RoHS compliant
- Cable length: 0.3 m
- 7/8" male connector, straight, 5-pin
- Cable length: 0.3 m, further lengths available
- Further information: www.turck.de/en/products/100028504

RSM 40-RKM 50-RKM 40/CS16131

ID U2-29562



2-port Junction Systems
T-Splitter without Cable

- 7/8", male connector - female connector - female connector, 4/5/4-pin, protection class IP67
- Further information: www.turck.de/en/products/U2-29562

RSM 50-RKM 40-RKM 50/CS16132

ID U2-29563



2-port Junction Systems
T-Splitter without Cable

- 7/8", male connector - female connector - female connector, 5/4/5-pin, protection class IP67
- Further information: www.turck.de/en/products/U2-29563

Connection Technology - 7/8" Power Supply Cables (24 VDC)

Cables and flanges

RKM52-2M

ID 6604711



Power Supply Cable/PUR Connection Cable

- Power cable: 5 × 1.5 mm, 2, jacket material: PUR, color: gray, jacket diameter: 8.5 mm, suitable for drag chain use, oil-resistant and flame-retardant, halogen-free
- 7/8" female, straight
- Cable length: 2.0 m
- Open end
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/6604711

RSM52-2M

ID 6604712



Power Supply Cable/PUR Connection Cable

- Power cable: 5 × 1.5 mm, 2, jacket material: PUR, color: gray, jacket diameter: 8.5 mm, suitable for drag chain use, oil-resistant and flame-retardant, halogen-free
- 7/8" male, straight
- Cable length: 2.0 m
- Open end
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/6604712

WKM52-2M

ID 6604765



Power Supply Cable/PUR Connection Cable

- Power cable: 5 × 1.5 mm, 2, jacket material: PUR, color: gray, jacket diameter: 8.5 mm, suitable for drag chain use, oil-resistant and flame-retardant, halogen-free
- 7/8" female, angled
- Cable length: 2.0 m
- Open end
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/6604765

RKM52-2-RSM52

ID 6914150



Power Supply Cable/PUR Extension Cable

- Power cable: 5 × 1.5 mm, 2, jacket material: PUR, color: gray, jacket diameter: 8.5 mm, suitable for drag chain use, oil-resistant and flame-retardant, halogen-free
- 7/8" female, straight
- Cable length: 2.0 m
- 7/8" male, straight
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/6914150

WKM52-2-WSM52
ID 6604801

**Power Supply Cable/PUR
Extension Cable**

- Power cable: 5 × 1.5 mm, 2, jacket material: PUR, color: gray, jacket diameter: 8.5 mm, suitable for drag chain use, oil-resistant and flame-retardant, halogen-free
- 7/8" female, angled
- Cable length: 2.0 m
- 7/8" male, angled
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/6604801

RSF RKF 57/22
ID U2309-6

**DeviceNet Receptacle
Wall Feedthrough**

- Male 7/8" minifast receptacle, female 7/8" minifast receptacle
- Design: 7/8" adapter, 5-pin feedthrough male/female, for use in CAN (DeviceNet, CANopen) applications, ampacity: 9 A, rated voltage: 600 V, temperature range: -40...+105 °C, protection class: NEMA 1, 3, 4 and IEC IP67
- Further information: www.turck.de/en/products/U2309-6

RSF 57
ID U5220-0

**DeviceNet, 7/8 Male Flange Connector
Front-Mounted**

- Male 7/8" minifast receptacle
- Design: 7/8", male connector, 5-pin, for use in CAN (DeviceNet, CANopen) applications, ampacity: 9 A, rated voltage: 300 V, temperature range: -40...+80 °C, protection class: NEMA 1, 3, 4, 6, 13 and IEC IP67
- Further information: www.turck.de/en/products/U5220-0

RKF 57
ID U5514-1

**DeviceNet, 7/8 Female Flange Connector
Front-Mounted**

- Female 7/8" minifast receptacle
- Design: 7/8", female connector, 5-pin, for use in CAN (DeviceNet, CANopen) applications, ampacity: 9 A, rated voltage: 300 V, temperature range: -40...+80 °C, protection class: NEMA 1, 3, 4, 6, 13 and IEC IP67
- Further information: www.turck.de/en/products/U5514-1

Field-wireable connector, bulk cable and accessories

N1/2-14NPT/10

ID 6961002



Accessories for Fieldbus Systems

1/2" Counter Nut for NPT-Thread

- 1/2" counter nut for NPT-Thread, Material: Die-cast zinc
- Further information: www.turck.de/en/products/6961002

LOCKNUT G1/2

ID 6900493



Accessories for Fieldbus Systems

1/2" Counter Nut for G-Thread, Standard Pack 100 pcs.

- 1/2" counter nut for G-Thread
- Further information: www.turck.de/en/products/6900493

B4151-0/9

ID 6904717



Accessories for Fieldbus Systems

Field-Wireable Connector

7/8 Female, Straight

- For use in DeviceNet and CANopen applications as well as for power supply
- 5-pin
- PG9 screw-in thread, cable feedthrough 6.0...8.0 mm
- Screw-clamp terminal, Metal coupling nut, UL approval
- Further information: www.turck.de/en/products/6904717

BS4151-0/9

ID 6904718



Accessories for Fieldbus Systems

Field-Wireable Connector

7/8 Male, Straight

- For use in DeviceNet and CANopen applications as well as for power supply
- 5-pin
- PG9 screw-in thread, cable feedthrough 6.0...8.0 mm
- Screw-clamp terminal, Metal coupling nut, UL approval
- Further information: www.turck.de/en/products/6904718

B4251-0/9

ID 6901113



Accessories for Fieldbus Systems

Field-Wireable Connector

7/8 Female, Angled

- For use in DeviceNet/CANopen applications
- 5-pin
- PG9 screw-in thread, cable feedthrough 6.0...8.0 mm
- Screw-clamp terminal, Metal coupling nut, UL approval
- Further information: www.turck.de/en/products/6901113

BS4251-0/9
ID 6901112


Accessories for Fieldbus Systems

Field-Wireable Connector

Male Connector, 7/8, Angled

- For use in PROFIBUS-PA applications
- 5-pin
- PG9 screw-in thread, cable diameter 6.0...8.0 mm, UL approval
- Further information: www.turck.de/en/products/6901112

Cable-PDP-52-100M
ID 6604716


Power Supply Cable/PUR

Bulk Cable

- Power cable: 5 × 1.5 mm, 2, jacket material: PUR, color: gray, jacket diameter: 8.5 mm, suitable for drag chain use, oil-resistant and flame-retardant, halogen-free
- Cable length: 100 m
- Further information: www.turck.de/en/products/6604716

Cable-PDP-52-500M
ID 6604717


Power Supply Cable/PUR

Bulk Cable

- Power cable: 5 × 1.5 mm, 2, jacket material: PUR, color: gray, jacket diameter: 8.5 mm, suitable for drag chain use, oil-resistant and flame-retardant, halogen-free
- Cable length: 500 m
- Further information: www.turck.de/en/products/6604717

RC-Z2104
ID 6900285


Accessories for Fieldbus Systems

Closure Cap for M23 Connectors

- Closure cap, M23 female thread
- Further information: www.turck.de/en/products/6900285

Connection Technology - M12-A Sensor Cables

RKE 4.5T-*-RSE 4.5T/S715/S3588

ID various



U/I Cable

Extension Cable

- Female M12, straight, 5-pin
- Jacket material: PUR, jacket color: gelb, resistant to UV radiation and oils, flame-retardant (FT2 in accordance with UL 1685 FT4, UL 1061, CSA FT4), RoHS-compliant, protection class: IP68, IP69K
- -40 °C Cold Bend Rating
- M12, straight, 5-pin, A-coded
- Further information: www.turck.de/en/products/777044541

RKC4.4T-2-RSC4.4T/TXL

ID 6625608



Actuator and Sensor Cable, PUR

Extension Cable

- Female M12, straight, 4-pin
- Jacket material: PUR, jacket color: black, suitable for drag chain use, resistant to chemicals, UV radiation and oils, flame-retardant (FT2 in accordance with UL 1581, IEC 60332-2-2), free from halogen, silicone, PVC and LABS, particularly resistant to abrasion
- Approval cULus, RoHS-compliant, protection class: IP67, IP69K
- Male M12, straight, 4-pin
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/6625608

WKC4.4T-P7X2-2-RSC4.4T/TXL

ID 6625902



Actuator and Sensor Cable, PUR

Extension Cable

- Female M12, angled, 4-pin, With 2-color LED (PNP, yellow, green)
- Jacket material: PUR, jacket color: black, suitable for drag chain use, resistant to chemicals, UV radiation and oils, flame-retardant (FT2 in accordance with UL 1581, IEC 60332-2-2), free from halogen, silicone, PVC and LABS, particularly resistant to abrasion
- Approval cULus, RoHS-compliant, protection class: IP67, IP69K
- Male M12, straight, 4-pin
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/6625902

RKC4.5T-2-RSC4.5T/TXL1001

ID 6628258



Weld-Splatter resistant Actuator and Sensor Cable

Extension Cable

- Female M12, straight, 5-pin
- Jacket material: PUR jacketed with aramid fibers, jacket color: yellow, resistant to welding sparks, flame retardant, resistant to chemicals, UV radiation and oils, free from halogen, silicone, PVC and LABS, RoHS compliant, protection class: IP67, IP69K, protective jacket material: aramid fibers, tensile strength: 2923 MPa, breaking strength: 333 N, elongation at break: 3.6 %, temperature peaks: up to +200 °C
- Male M12, straight, 5-pin
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/6628258

WKC4.5T-2-RSC4.5T/TXL1001
ID 6628265

**Weld-Splatter resistant Actuator and Sensor Cable
Extension Cable**

- Female M12, angled, 5-pin
- Jacket material: PUR jacketed with aramid fibers, jacket color: yellow, resistant to welding sparks, flame retardant, resistant to chemicals, UV radiation and oils, free from halogen, silicone, PVC and LABS, RoHS compliant, protection class: IP67, IP69K, protective jacket material: aramid fibers, tensile strength: 2923 MPa, breaking strength: 333 N, elongation at break: 3.6 %, temperature peaks: up to +200 °C
- Male M12, straight, 5-pin
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/6628265

RKC4T-2-PSG3M/TXL
ID 6626778

**Actuator and Sensor Cable, PUR
Extension Cable**

- Female M12, straight, 3-pin
- Jacket material: PUR, jacket color: black, suitable for drag chain use, resistant to chemicals, UV radiation and oils, flame-retardant (FT2 in accordance with UL 1581, IEC 60332-2-2), free from halogen, silicone, PVC and LABS, particularly resistant to abrasion
- Approval cULus, RoHS-compliant, protection class: IP67, IP69K
- Male M8, straight, 3-pin
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/6626778

WKC4T-P7X2-2-PSG3M/TXL
ID 6625978

**Actuator and Sensor Cable, PUR
Extension Cable**

- Female M12, angled, 3-pin, With 2-color LED (PNP, yellow, green)
- Jacket material: PUR, jacket color: black, suitable for drag chain use, resistant to chemicals, UV radiation and oils, flame-retardant (FT2 in accordance with UL 1581, IEC 60332-2-2), free from halogen, silicone, PVC and LABS, particularly resistant to abrasion
- Approval cULus, RoHS-compliant, protection class: IP67, IP69K
- Cable length: 2.0 m
- Male M8, straight, 3-pin
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/6625978

VAS22-S80E-2-RSC5.31T/TXL
ID 6606509

**Valve Connector
Extension Cable**

- 2-pin + PE, Design according to the DIN EN 175301-803, RoHS-compliant, protection class: IP65, IP67, IP68, protective component: transil diode
- Sheath material: PUR, sheath color: black, qualified for drag chain use, resistant to weld splatter, resistant to chemicals and oils, UV and ozone resistance, flame retardant, free from halogen, silicone, PVC and LABS
- M12 male, straight, 2-pin + PE
- Cable length: 2 m, further lengths available
- Further information: www.turck.de/en/products/6606509

Connection Technology - M23 Cables

CSM CKM 19-19-0.6/S101

ID U-20414



Actuator and Sensor Cable, TPE

M23 Extension Cable

- M23 male connector, straight, 19-pin
- Sheath material: TPE, sheath color: yellow, qualified for drag chain use, flame retardant acc. to FT1
- Approval UL and CSA, RoHS-compliant, protection class IP67
- Cable length: 0.6 m
- M23 female connector, straight, 19-pin
- Cable length: 0.6 m, further lengths available
- Further information: www.turck.de/en/products/U-20414

CSM CKM 19-19-1/S101

ID U0938-61



Actuator and Sensor Cable, TPE

M23 Extension Cable

- M23 male connector, straight, 19-pin
- Sheath material: TPE, sheath color: yellow, qualified for drag chain use, flame retardant acc. to FT1
- Approval UL and CSA, RoHS-compliant, protection class IP67
- Cable length: 1.0 m
- M23 female connector, straight, 19-pin
- Cable length: 1 m, further lengths available
- Further information: www.turck.de/en/products/U0938-61

CSM CKM 19-19-3/S101

ID U4707-54



Actuator and Sensor Cable, TPE

M23 Extension Cable

- M23 male connector, straight, 19-pin
- Sheath material: TPE, sheath color: yellow, qualified for drag chain use, flame retardant acc. to FT1
- Approval UL and CSA, RoHS-compliant, protection class IP67
- Cable length: 3 m
- M23 female connector, straight, 19-pin
- Cable length: 3 m, further lengths available
- Further information: www.turck.de/en/products/U4707-54

CSM CKM 19-19-5/S101

ID U0938-02



Actuator and Sensor Cable, TPE

M23 Extension Cable

- M23 male connector, straight, 19-pin
- Sheath material: TPE, sheath color: yellow, qualified for drag chain use, flame retardant acc. to FT1
- Approval UL and CSA, RoHS-compliant, protection class IP67
- Cable length: 5.0 m
- M23 female connector, straight, 19-pin
- Cable length: 5 m, further lengths available
- Further information: www.turck.de/en/products/U0938-02

Connection Technology - Splitters

YB2-FSM5-2FKM5.4
ID 6930492


2-port Junction Systems

Y-Splitter without Cable, M12 × 1 Male - 2 × M12 × 1 Female

- M12 male connector, 5-pin, M12 female connector, 4-pin, RoHS-compliant, protection class IP67
- Further information: www.turck.de/en/products/6930492

YB2-FSM4.4-2PKG3M
ID 6930549


2-port Junction Systems

Y-Splitter without Cable, male M12 × 1 - 2 × Female M8 × 1

- M12 male, 4-pin, M8 female, 3-pin, RoHS-compliant, protection class IP67
- Further information: www.turck.de/en/products/6930549

VB2-FSM4.4-2FKM4
ID 6930560


2-port Junction Systems

Y-Splitter without Cable, M12 × 1 Male - 2 × M12 × 1 Female

- M12 male, 4-pin, M12 female connector, 3-pin, RoHS-compliant, protection class IP67
- Further information: www.turck.de/en/products/6930560

VB2-FSM4.4-2MFK3
ID 6930559


2-port Junction Systems

Y-Splitter without Cable, male M12 × 1 - 2 × Female M8 × 1

- M12 male, 4-pin, M8 female, 3-pin, RoHS-compliant, protection class IP67
- Further information: www.turck.de/en/products/6930559

VB2-FSM5-2FKM4.4/S2087
ID 6930563


2-port Junction Systems

Y-Splitter without Cable, M12 × 1 Male - 2 × M12 × 1 Female

- M12 male connector, 5-pin, M12 female connector, 4-pin, RoHS-compliant, protection class IP67, with oval borehole (5 mm sleeve)
- Further information: www.turck.de/en/products/6930563

CSF-M12F51M12M41

ID 3079657



Connection Cable, 2 m
Y-Piece

- M12 × 1 female, 5-pin on 2 × M12 × 1 male, 4-pin, unshielded, cable material PVC, green, cable diameter 5.5 mm, protection class IP67, ambient temperature: -40...+105 °C, length: 0.63 m, 250 VDC, 4 A max., 300 VDC, 4 A max.
- Further information: www.turck.de/en/products/3079657

TORQUE-WRENCH-SET-AS

ID 6936170



Accessories for actuator/sensor cables
Set of Torque Wrenches Turck Line

- 1 × grip with adjustable torque 0.4...1.0 Nm, 1 × torque setting tool, 1 × fork wrench for M8 (SW9), SW9 for all cables with M8 female or male connectors and both brass and stainless steel nuts, 1 × fork wrench for M12 (SW14), SW14 for sensor and actuator cables with M12 female or male connectors and both brass and stainless steel nuts
- Further information: www.turck.de/en/products/6936170

TB-4M12-5P3-CS19T

ID 6611903



Passive Actuator/Sensor Box, M12 × 1
4-port, with M23 Connector for Supply Cable

- Housing material: nylon, housing color: black, protection class IP67, RoHS-compliant, CE compliant
- LED (PNP circuit)
- I/O port (number of pins): 4-pin + PE
- Further information: www.turck.de/en/products/6611903

TB-4M12-5P3-CS19H

ID 6611959



Passive Actuator/Sensor Box, M12 × 1
4-port, with M23 Connector for Supply Cable

- Housing material: nylon, housing color: black, protection class IP67, RoHS-compliant, CE compliant
- LED (PNP circuit)
- I/O port (number of pins): 4-pin + PE
- Further information: www.turck.de/en/products/6611959

TB-6M12-5P3-CS19T

ID 6611923



Passive actuator/sensor junction box, M12 × 1
6-port, with male M23 for incoming line

- Housing material: nylon, housing color: black, protection class IP67, RoHS-compliant, CE compliant
- LED (PNP circuit)
- I/O port (number of pins): 4-pin + PE
- Further information: www.turck.de/en/products/6611923

TB-6M12-5P3-CS19H
ID 6611963


Passive actuator/sensor junction box, M12 × 1
6-port, with male M23 for incoming line

- Housing material: nylon, housing color: black, protection class IP67, RoHS-compliant, CE compliant
- LED (PNP circuit)
- I/O port (number of pins): 4-pin + PE
- Further information: www.turck.de/en/products/6611963

TB-8M12-5P3-CS19T
ID 6611943


Passive Actuator/Sensor Box, M12 × 1
8-port, with M23 Connector for Supply Cable

- Housing material: nylon, housing color: black, protection class IP67, RoHS-compliant, CE compliant
- LED (PNP circuit)
- I/O port (number of pins): 4-pin + PE
- Further information: www.turck.de/en/products/6611943

TB-8M12-5P3-CS19H
ID 6611967


Passive Actuator/Sensor Box, M12 × 1
8-port, with M23 Connector for Supply Cable

- Housing material: nylon, housing color: black, protection class IP67, RoHS-compliant, CE compliant
- LED (PNP circuit)
- I/O port (number of pins): 4-pin + PE
- Further information: www.turck.de/en/products/6611967

Connection Technology - Adapter for Multibus

VB2-M23ST-M23KU-RKF50-01

ID 6931776



- 2-port Junction Systems
T-Splitter without Cable
Junction Box for 17-pin M23 Robot Cable
- Further information: www.turck.de/en/products/6931776

VB2-M23ST-M23KU-RKF50-02

ID 6932156



- 2-port Junction Systems
T-Splitter without Cable
Junction Box for 17-pin M23 Robot Cable
- Further information: www.turck.de/en/products/6932156

RKM52-0.2-CSSM-BV16031301

ID 6936022



- Power Supply Cable/PUR
- Power cable: 5 × 1.5 mm, 2, jacket material: PUR, color: gray, jacket diameter: 8.5 mm, suitable for drag chain use, oil-resistant and flame-retardant, halogen-free
 - 7/8" female, straight
 - Cable length: 0.2 m
 - M23 × 1 male connector, straight, potted, 17-pin
 - Cable length: 0.2 m, further lengths available
 - Further information: www.turck.de/en/products/6936022

IO-Link

IO-Link masters

TBEN-L5-8IOL

ID 6814017


- Compact Multiprotocol I/O Module for Ethernet
 8 IO-Link Master Channels
 4 Universal Digital PNP Channels, 2 A, Channel Diagnostics
- FLC/ARGEE programmable
 - Integrated Ethernet switch allows line topology, 2 × M12, 4-pin, D-coded Ethernet fieldbus connection, 7/8", 5-pin connector for power supply
 - Glass fiber reinforced housing, shock and vibration tested, fully potted module electronics, protection classes IP65, IP67, IP69K
 - Further information: www.turck.de/en/products/6814017

TBEN-LL-8IOL

ID 100003910


- Compact multiprotocol I/O module for Ethernet
 8 IO-Link Master Channels
 4 Universal Digital PNP Channels, 2 A, Channel Diagnostics
- FLC/ARGEE programmable
 - Further information: www.turck.de/en/products/100003910

TBEN-S2-4IOL

ID 6814024


- Compact Multiprotocol I/O Module for Ethernet
 4 IO-Link Master Channels
 4 Universal Digital PNP Channels, 0.5 A, Channel Diagnostics
- FLC/ARGEE programmable
 - PROFINET device, EtherNet/IP device or Modbus TCP slave, integrated Ethernet switch allows line topology, supports 10 Mbps/100 Mbps, 2 × M8, 4-pin, Ethernet fieldbus connection
 - M8 4-pin connector for power supply, galvanically isolated voltage groups
 - Glass fiber reinforced housing, shock and vibration tested, fully potted module electronics, protection classes IP65, IP67, IP69K
 - Further information: www.turck.de/en/products/6814024

BL67-4IOL

ID 6827386


- BL67 Electronic Module
 4 IO-Link Master Channels, 16 Bytes of I/O Data
 4 Configurable Digital Channels, PNP, Channel Diagnostics, 0.5 A
- Independent of the type of fieldbus and connection technology used, protection class IP67
 - 4 IO-Link master acc. to specification V1.1, 4 universal digital channels, PNP, channel diagnostics, 0.5 A
 - LEDs indicate status and diagnostic, electronics galvanically separated from the field level via optocouplers
 - Further information: www.turck.de/en/products/6827386

FEN 20-4IOL

ID 6814140



Compact IP20 Multiprotocol I/O Station

4 IO-Link Master Channels

- Ethernet/IP slave, Modbus TCP slave, PROFINET slave, 2 × RJ45 ports for the Ethernet connection, integrated Ethernet switch, 10/100 Mbps
- V1+, 1...V1+, 4, configurable as on, switchable or off
- Protection class IP20
- C/Q can be configured as digital inputs/outputs
- Further information: www.turck.de/en/products/6814140

IO-Link hubs

FIL20-8DXP

ID 100005646


I/O Hub for Connecting Digital Signals to IO-Link Master
Eight Universal Digital Channels, PNP

- Rugged, I/O hub in IP20, Eight universal digital channels, metal screw terminal connectors
- 8 universal digital channels, DI/DO, 24 VDC, PNP, output current: 1.0 A, I&M data sets support installation and maintenance, IO-Link diagnostics for short-circuit and supply voltage
- Further information: www.turck.de/en/products/100005646

TBIL-M1-16DXP

ID 6814102


I/O Hub for Connecting Digital Signals to IO-Link Master
16 Universal Digital Channels, PNP

- Rugged, fully potted I/O hub in IP67, IO-Link diagnostics for short-circuit and supply voltage, 2 universal digital channels per port, metal connector
- Further information: www.turck.de/en/products/6814102

TBIL-M1-16DXP-B

ID 100000881


I/O Hub for Connection of Digital Signals to IO-Link Master
16 Universal Digital Channels, PNP

- IO-Link V1.1 Class B, galvanically separated class B supply supports passive safety, I&M data sets support installation and maintenance, IO-Link diagnostics for short-circuit and supply voltage, max. 2 A per output, 2 universal digital channels per port
- Rugged, fully potted I/O hub in IP65/IP67/IP69K, metal connector
- Further information: www.turck.de/en/products/100000881

TBIL-S4-8DIP

ID 100002596


I/O Hub for Connecting Digital Signals to IO-Link Master
8 Universal Digital Channels, 4 M12 Ports

- IO-Link V1.1 Class A, I&M data sets support installation and maintenance, IO-Link diagnostics for short-circuit and supply voltage, two freely selectable digital channels per port
- Rugged, fully potted I/O hub in IP65/IP67/IP69K, slim design, metal connector
- Further information: www.turck.de/en/products/100002596

TBIL-LL-16DXP-AUX

ID 100000884


I/O Hub for Connection of Digital Signals to IO-Link Master
16 Universal Digital Channels, PNP

- Rugged, fully potted I/O hub in IP67, IO-Link diagnostics for short-circuit and power supply, 2 universal digital channels per port, metal connector
- M12 L-coded connector for auxiliary power
- Further information: www.turck.de/en/products/100000884

IO-Link - accessories

SCIL-G1-1AI-VI

ID 100001151



Signal Converter Analog Input to IO-Link

Analog Input Configurable as Voltage or Current

- Rugged fully potted converter in IP65/IP67, IO-Link diagnostics for supply overload, IO-Link diagnostics for analog signal monitoring, M12 metal male connector
- Fully potted module electronics, protection class IP65/IP67
- Channel freely selectable for voltage and current, voltage: $\pm 10\text{ V}$, $0 \dots 10\text{ V}$, voltage input differential or common reference, current: $0/4 \dots 20\text{ mA}$
- Further information: www.turck.de/en/products/100001151

SCIL-G1-1AO-VI

ID 100001152



Signal Converter IO-Link to Analog Output

Analog Output Configurable as Voltage or Current

- Rugged fully potted converter in IP65/IP67, IO-Link diagnostics for supply overload, IO-Link diagnostics for analog signal monitoring, M12 metal male connector
- Fully potted module electronics, protection class IP65/IP67
- Channel freely selectable for voltage and current, voltage: $\pm 10\text{ V}$, $0 \dots 10\text{ V}$, current: $0/4 \dots 20\text{ mA}$
- Further information: www.turck.de/en/products/100001152

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