

Your Global Automation Partner

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VW

BV1.11.F 2018-08-24

Product Catalog



NOTE

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BV 1.11F – Remarks

Type	Ident-No.	Description
Inductive Sensors		
BI20U-CA40-AP6X2-H1141/S1590 W/BS2.0	1627205	Inductive all-metal proximity switch without reduction factor, marking on the damping area, voltage range 10 to 30 V DC, protective insulation, NO function PNP, current carrying capacity of 200 mA, with short-circuit protection, with M12 device plug, male, (3 without PE) eCl@ss 27-27-92-18
BI15U-CK40-AP6X2-H1141	1625600	Marking on the damping area, voltage range 10 to 30 V DC, protective insulation, NO function PNP, current carrying capacity of 200 mA, with short-circuit protection, with M12 device plug, male (3 without PE) according to eCl@ss 27-27-92-18
BI20U-CK40-AP6X2-H1141	1627233	NO Function PNP, current carrying capacity of 200 mA, with short-circuit protection, with M12 device plug, male (3 without PE) according to eCl@ss 27-27-92-18
NI35U-CK40-AP6X2-H1141	1625800	Inductive all-metal proximity switch without reduction factor, marking on the damping area, voltage range 10 to 30 V DC, protective insulation, NO function PNP, current carrying capacity of 200 mA, with short-circuit protection, with M12 device plug, male (3 without PE) according to eCl@ss 27-27-92-18
NI40U-CK40-AP6X2-H1141	1623641	5-way adjustable damping area, voltage range 10 to 30 V DC, protective insulation, NO function PNP, current carrying capacity of 200 mA, with short-circuit protection, with M12 device plug, male (3 without PE), according to eCl@ss 27-27-92-18
BI20U-CK40-RP6X2-H1143	1627206	Proximity switch rectangular, 40 × 40 mm, Sn = 20 mm, flush, plastic housing, NC function, for EHB distance control
BI50U-Q80-AP6X2-H1141	1608940	Proximity switch rectangular, 80 × 80 mm, Sn = 50 mm, flush, plastic housing
BI4U-MT12-AP6X-H1141	1634809	Proximity switch cylindrical, M12 × 1, Sn = 4 mm, flush, reduction factor = 1, weld-proof, resistant to magnetic fields
BI8U-MT18-AP6X-H1141	1644730	Proximity switch cylindrical, M18 × 1, Sn = 8 mm, flush reduction factor = 1, weld-proof, resistant to magnetic fields
BI15U-MT30-AP6X-H1141	1636734	Proximity switch cylindrical, M30 × 1.5, Sn = 15 mm, flush reduction factor = 1, weld-proof, resistant to magnetic fields
BI2U-EGT08-AP6X-H1341	4602071	Proximity switch cylindrical, M8 × 1, Sn = 2 mm, flush reduction factor = 1, weld-proof, resistant to magnetic fields
BI2-M08E-AP6X	4602954	Standard switch according to IEC 60947-5-2, line connection 2 m (PUR), proximity switch cylindrical M8 × 1, flush mountable in metal threaded pipe (steel or brass, chrome-plated), metal coupling nuts, voltage range 10 to 30 V DC, with yellow LED (not in the threaded part), protective insulation, NO function PNP, current carrying capacity of 200 mA, with short-circuit protection, line connection max. 3 m (PUR) or M12 device plug, male (3 without PE), according to eCl@ss 27-27-92-18, standard switching distance
BI2-M08-AP6X	4602901	Difference to standard switch according to IEC 60947-5-2 cylindrical M8 × 1, 2 m PUR; length = 32 mm
BI2-M08K-AP6X	4602966	Difference to standard switch according to IEC 60947-5-2 cylindrical M8 × 1, 2 m PUR; length = 24 mm
BI3-M08-AP6X	4602910	Difference to standard switch according to IEC 60947-5-2 cylindrical M8 × 1, 2 m PUR; length = 32 mm, Sn = 3 mm
BI3-M08E-AP6X	4602906	Difference to standard switch according to IEC 60947-5-2 cylindrical M8 × 1, 2 m PUR; Sn = 3 mm
BI3-M08K-AP6X	4602919	Difference to standard switch according to IEC 60947-5-2 cylindrical M8 × 1, 2 m PUR; length = 24 mm, Sn = 3 mm

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Type	Ident-No.	Description
BI3-M08KK-AP6X	4602938	Difference to standard switch according to IEC 60947-5-2 cylindrical M8 × 1, 2 m PUR; length = 17 mm, Sn = 3 mm
BI2-M08E-AP6X-H1341	4602955	Standard switch according to IEC 60947-5-2, M12 plug connection, proximity switch cylindrical M8 × 1, flush mountable in metal threaded pipe (steel or brass, chrome-plated), metal fastening nuts, voltage range 10 to 30 V DC, with yellow LED (not in the threaded part), protective insulation, NO function PNP, current carrying capacity of 200 mA, with short-circuit protection, line connection max. 3 m (PUR) or M12 device plug, male (3 without PE), according to eCl@ss 27-27-92-18, standard switching distance
BI2-M08-AP6X-H1341	4602902	Difference to standard switch according to IEC 60947-5-2 cylindrical M8 × 1, M12 plug; length = 48 mm
BI2-M08K-AP6X-H1341	4602967	Difference to standard switch according to IEC 60947-5-2 cylindrical M8 × 1, M12 plug; length = 40 mm
BI3-M08-AP6X-H1341	4602912	Difference to standard switch according to IEC 60947-5-2 cylindrical M8 × 1, M12 plug; Sn = 3 mm
BI3-M08E-AP6X-H1341	4602904	Difference to standard switch according to IEC 60947-5-2 cylindrical M8 × 1, M12 plug; length = 58 mm, Sn = 3 mm
BI3-M08K-AP6X-H1341	4602918	Difference to standard switch according to IEC 60947-5-2 cylindrical M8 × 1, M12 plug; length = 40 mm, Sn = 3 mm
BI3-M08KK-AP6X-H1341	4602940	Difference to standard switch according to IEC 60947-5-2 cylindrical M8 × 1, M12 plug; length = 33 mm, Sn = 3 mm
BI3U-M12-AP6X/S90	1634115	Difference to standard switch according to IEC 60947-5-2 cylindrical M12 × 1, 2 m PUR; factor 1, Sn = 3 mm
BI2-M12-AP6X-H1141	46065	Standard switch according to IEC 60947-5-2, M12 plug connection, proximity switch cylindrical M12 × 1, flush mountable in metal threaded pipe (steel or brass, chrome-plated), metal fastening nuts, voltage range 10 to 30 V DC, with yellow LED (not in the threaded part), protective insulation, NO function PNP, current carrying capacity of 200 mA, with short-circuit protection, line connection max. 3 m (PUR) or M12 device plug, male (3 without PE), according to eCl@ss 27-27-92-18, standard switching distance
BI2U-M12-AP6X-H1141	1669804	Difference to standard switch according to IEC 60947-5-2 cylindrical M12 × 1, M12 plug; factor 1
BI3U-M12-AP6X-H1141	1634140	Difference to standard switch according to IEC 60947-5-2 cylindrical M12 × 1, M12 plug; factor 1, Sn = 3 mm
BI4-M12-AP6X-H1141	46070	Difference to standard switch according to IEC 60947-5-2 cylindrical M12 × 1, M12 plug; Sn = 4 mm
BI4U-M12-AP6X-H1141	1634804	Difference to standard switch according to IEC 60947-5-2 cylindrical M12 × 1, M12 plug; factor 1, Sn = 4 mm
BI6U-M12-AP6X-H1141	1644810	Difference to standard switch according to IEC 60947-5-2 cylindrical M12 × 1, M12 plug; factor 1, Sn = 6 mm
BI8U-EM18-AP6X/S90	1644749	Difference to standard switch according to IEC 60947-5-2 cylindrical M18 × 1, 2 m PUR; factor 1, Sn = 8 mm"
BI5-M18-AP6X-H1141	46145	Standard switch according to IEC 60947-5-2, M12 plug connection, proximity switch cylindrical M18 × 1, flush mountable in metal threaded pipe (steel or brass, chrome-plated), metal fastening nuts, voltage range 10 to 30 V DC, with yellow LED (not in the threaded part), protective insulation, NO function PNP, current carrying capacity of 200 mA, with short-circuit protection, line connection max. 3 m (PUR) or M12 device plug, male (3 without PE), according to eCl@ss 27-27-92-18, standard switching distance
BI5U-M18-AP6X-H1141	1635140	Difference to standard switch according to IEC 60947-5-2 cylindrical M18 × 1, M12 plug; factor 1

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Type	Ident-No.	Description
BI8U-M18E-AP6X-H1141	1644735	Difference to standard switch according to IEC 60947-5-2 cylindrical M18 × 1, M12 plug; length 72 mm, factor 1, Sn = 8 mm
BI8U-M18-AP6X-H1141	1644731	Difference to standard switch according to IEC 60947-5-2 cylindrical M18 × 1, M12 plug; factor 1, Sn = 8 mm
BI15U-M30-AP6X/S90 15M	1636760	Difference to standard switch according to IEC 60947-5-2 cylindrical M30 × 1.5, 2 m PUR; factor 1, cable length = 15 m
BI10-M30-AP6X-H1141	46175	Standard switch according to IEC 60947-5-2, connector M12, proximity switch cylindrical M30 × 1.5, flush mountable in metal threaded pipe (steel or brass, chrome-plated), metal fastening nuts, voltage range 10 to 30 V DC, with yellow LED (not in the threaded part), protective insulation, NO function PNP, current carrying capacity of 200 mA, with short-circuit protection, line connection max. 3 m (PUR) or M12 device plug, male (3 without PE), according to eCl@ss 27-27-92-18, standard switching distance
BI10U-M30-AP6X-H1141	1636140	Difference to standard switch according to IEC 60947-5-2 cylindrical M30 × 1.5, M12 plug; factor 1
BI15-M30-AP6X-H1141	46185	Difference to standard switch according to IEC 60947-5-2 cylindrical M30 × 1.5, M12 plug; factor 1, Sn=15 mm
Photoelectric Sensors		
QS186LEQ8	3070253	3 laser, laser class 1, 24 V DC, Turck opposed mode sensor
QS18VP6RQ8	3066450	3 laser, laser class 1, 24 V DC, Turck opposed mode sensor
QS30LLPQ	3002994	Laser, laser class 1, 24 V DC, Turck retroreflective sensor
Q45BB6DXQ5	3047138	Diffuse mode sensor range = max. 3000 mm, 24 V DC, rectangular designs
Flow Sensors		
FCS-G1/2A4-AP8X-H1141/D030	6870019	Flow rate sensors for liquid media. Immersion sensor, operating range water 1 to 150 cm/s; oil 3 to 300 cm/s, media temperature -20 to +80 °C, IP67, pressure resistance 100 bar, material in contact with media V4A (1.4571), process connection G 1/2"
FCS-G1/2A4-AP8X-H1141 3M	6870050	Flow rate sensors for liquid media. Immersion sensor, operating range water 1 to 150 cm/s; oil 3 to 300 cm/s, media temperature -20 to +80 °C, IP67, pressure resistance 100 bar, material in contact with media V4A (1.4571), process connection G 1/2"
FCS-G1/2A4-AP8X-H1141 0.5M	6870051	Flow rate sensors for liquid media. Immersion sensor, operating range water 1 to 150 cm/s; oil 3 to 300 cm/s, media temperature -20 to +80 °C, IP67, pressure resistance 100 bar, material in contact with media V4A (1.4571), process connection G 1/2"
FTCI-MP01AL	6870040	Aluminum mounting panel, for simple assembly on the front, applicable for FTCI flow rate sensors
FTCI-10D10A4P-2UP8X-H1141	6870041	Inline sensor, operating range flow rate 1 to 10 l/min, media temperature -10 to +90 °C, IP65, pressure resistance 20 bar, material in contact with media V4A (1.4571), compression fitting for pipes Ø10 × 1 (EN 10305-1), electrical connection M12 × 1 plug, integrated signal processor, 7-segment display
FTCI-10D10A4P-LI-UP8X-H1141	6870042	Inline sensor, operating range flow rate 1 to 10 l/min, media temperature -10 to +90 °C, IP65, 20 bar pressure resistance, material in contact with media V4A (1.4571), compression fitting for pipes Ø10 × 1 (EN 10305-1), electrical connection M12 × 1 plug, analog output 4 to 20 mA (flow rate) Integrated signal processor, 7-segment display

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Type	Ident-No.	Description
FTCI-15D15A4P-2UP8X-H1141	6870043	Inline sensor, operating range flow rate 2 to 20 l/min, media temperature -10 to +90 °C, IP65, pressure resistance 20 bar, material in contact with media V4A (1.4571), compression fitting for pipes Ø15 × 1.5 (EN 10305-1), electrical connection M12 × 1 plug, integrated signal processor, 7-segment display
FTCI-15D15A4P-LI-UP8X-H1141	6870044	Inline sensor, operating range flow rate 2 to 20 l/min, media temperature -10 to +90 °C, IP65, pressure resistance 20 bar, compression fitting for pipes Ø15 × 1.5 (EN 10305-1), electrical connection M12 × 1 plug, analog output 4 to 20 mA (flow rate), integrated signal processor, 7-segment display
FTCI-18D15A4P-2UP8X-H1141	6870045	Inline sensor, operating range flow rate 4 to 40 l/min, media temperature -10 to +90 °C, IP65, pressure resistance 20 bar, material in contact with media V4A (1.4571), compression fitting for pipes Ø18 × 1.5 (EN 10305-1), electrical connection M12 × 1 plug, integrated signal processor, 7-segment display
FTCI-18D15A4P-LI-UP8X-H1141	6870046	Inline sensor, operating range flow rate 4 to 40 l/min, media temperature -10 to +90 °C, IP65, pressure resistance 20 bar, compression fitting for pipes Ø18 × 1.5, electrical connection M12 × 1 plug, analog output 4 to 20 mA (flow rate) Integrated signal processor, 7-segment display
FTCI-10D10A4P-2LIX-H1141	6870049	Inline sensor, operating range flow rate 1 to 10 l/min, media temperature -10 to +90 °C, IP65, pressure resistance 20 bar, material in contact with media V4A (1.4571), compression fitting for pipes Ø10 × 1 (EN 10305-1), electrical connection M12 × 1 plug, 2 analog outputs 4 to 20 mA (flow rate and temperature), integrated signal processor, 7-segment display
FTCI-N3/4D19A4P-2ARX-H1160	6870053	Inline sensor, operating range flow rate 10 to 100 l/min, media temperature -10 to +90 °C, IP65, pressure resistance 20 bar, material in contact with media V4A (1.4571), process connection 2 × NPT 3/4", electrical connection M12 × 1 plug, integrated signal processor, 7-segment display
FTCI-G1/2A4-D18/L068	6870150	Adapter for flow meters Mechanical adaptation on G1/2 threads Stainless steel A4 (1.4571 / AISI 316 Ti)
FTCI-G1/4A4-D10/L050	6870151	Adapter for flow meters Mechanical adaptation on G1/4 threads Stainless steel A4 (1.4571 / AISI 316 Ti)
FTCI-3/8D10A4P-2UP8X-H1141	6870806	Inline sensor, operating range flow rate 10 to 100 l/min, media temperature -10 to +90 °C, IP65, pressure resistance 20 bar, material in contact with media V4A (1.4571), process connection 2 × 3/8" Swagelok, electrical connection M12 × 1 plug, integrated signal processor, 7-segment display
FTCI-1/2D10A4P-2UP8X-H1141	6870807	Inline sensor, operating range flow rate 1 to 10 l/min, media temperature -10 to +90 °C, IP65, pressure resistance 20 bar, material in contact with media V4A (1.4571), process connection 2 × 1/2" Swagelok, electrical connection M12 × 1 plug, integrated signal processor, 7-segment display
FTCI-3/4D15A4P-2UP8X-H1141	6870808	Inline sensor, operating range flow rate 3.8 to 45.4 l/min, media temperature -10 to +90 °C, IP65, pressure resistance 20 bar, material in contact with media V4A (1.4571), process connection 2 × 3/4" Swagelok, electrical connection M12 × 1 plug, integrated signal processor, 7-segment display
FTCI-3/8D10A4P-LI-UP8X-H1141	6870809	Inline sensor, operating range flow rate 10 to 100 l/min, media temperature -10 to +90 °C, IP65, pressure resistance 20 bar, material in contact with media V4A (1.4571), process connection 2 × 3/8" Swagelok, electrical connection M12 × 1 plug, analog output 4 to 20 mA, integrated signal processor, 7-segment display

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Type	Ident-No.	Description
FTCI-1/2D10A4P-LI-UP8X-H1141	6870810	Inline sensor, operating range flow rate 1 to 10 l/min, media temperature -10 to +90 °C, IP65, pressure resistance 20 bar, material in contact with media V4A (1.4571), process connection 2 × 1/2" Swagelok, electrical connection M12 × 1 plug, analog output 4 to 20 mA (flow rate), integrated signal processor, 7-segment display
FTCI-3/4D15A4P-LI-UP8X-H1141	6870811	Flow rate sensors for liquid and gaseous media. With additional temperature monitoring of the medium. For connection to a separate signal processor. Inline sensor, operating range flow rate 3.8 to 45.4 l/min, media temperature -10 to +90 °C, IP65, pressure resistance 20 bar, material in contact with media V4A (1.4571), process connection 2 × 3/4" Swagelok, electrical connection M12 × 1 plug, analog output 4 to 20 mA (flow rate), integrated signal processor, 7-segment display
FTCI-3/4D15A4P-4UP8X-H1160	6870813	Inline sensor, operating range flow rate 3.8 to 45.4 l/min, media temperature -10 to +90 °C, IP65, pressure resistance 20 bar, material in contact with media V4A (1.4571), process connection 2 × 3/4" Swagelok, electrical connection M12 × 1 plug, analog output 4 to 20 mA (flow rate), Integrated signal processor, 7-segment display
FTCI-1/2D10A4P-4UP8X-H1160	6870815	Inline sensor, operating range flow rate 1 to 10 l/min, media temperature -10 to +90 °C, IP65, pressure resistance 20 bar, material in contact with media V4A (1.4571), process connection 2 × 1/2" Swagelok, electrical connection M12 × 1 plug, integrated signal processor, 7-segment display
FTCI-3/4D15A4P-2LIX-H1141	6870838	Inline sensor, operating range flow rate 3.8 to 45.4 l/min, media temperature -10 to +90 °C, IP65, pressure resistance 20 bar, material in contact with media V4A (1.4571), process connection 2 × 3/4" Swagelok, electrical connection M12 × 1 plug, 2 analog outputs 4 to 20 mA (flow rate and temperature), Integrated signal processor, 7-segment display
FTCI-1/2D10A4P-2LUX-H1141	6870840	Inline sensor, operating range flow rate 0.8 to 19 l/min, media temperature -10 to +90 °C, IP65, pressure resistance 20 bar, material in contact with media V4A (1.4571), process connection 2 × 1/2" Swagelok, electrical connection M12 × 1 plug, 2x analog outputs 0 to 10 V (flow rate and temperature), Integrated signal processor, 7-segment display
FTCI-3/4D19A4P-2ARX-H1160	6870901	Inline sensor, operating range flow rate 10 to 100 l/min, media temperature -10 to +95 °C, IP65, pressure resistance 9 bar, material in contact with media V4A (1.4401), process connection 2 × 3/4" Swagelok, electrical connection M12 × 1 plug, 2 relay switching outputs 24 V DC NO, Integrated signal processor, 7-segment display
Cables and Flanges		
RKC5T-2/TXL	6625509	Connection cables for M12, 5-pin, M12, 4+PE, female connector, straight, industry standard
VAS22-S80E-2-RSC5.31T/TXL	6606509	2+PE industry standard according to catalog (2+PE, 1 LED) DIN EN 175301-803 (valve plug design A), 2+PE, 1 LED
VBS02-S80E-2-RSC5.31T/TXL	6606518	2+PE industry standard according to catalog (2+PE, 1 LED) DIN EN 175301-803 (valve plug design B), 2+PE, 1 LED
VC8S22-T80E-2-RSC5.31T/TXL	6606535	3+PE industry standard according to catalog (3+PE industry standard design C) DIN EN 175301-803 (valve plug design C)
RKC4T-2/TXO3700	6631998	M12 connection cable; 3-pin without PE; orange; open end to socket, optionally with LEDs (green/yellow/red), orange (thick) jacket orange (thick, welding-sputter resistant); core colors brown, white, blue, black, gray for bodywork applications

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Type	Ident-No.	Description
RSC4T-2/TXO3700	6632010	M12 connection cable; 3-pin without PE; orange; open end to plug, optionally with LEDs (green/yellow/red); orange (thick) jacket orange (thick, welding-sputter resistant); core colors brown, white, blue, black, gray for bodywork applications
RKC4.4T-2/TXO3700	6632016	M12 connection cable; 4-pin without PE; orange; open end to socket, optionally with LEDs (green/yellow/red); orange (thick) jacket orange (thick, welding-sputter resistant); core colors brown, white, blue, black, gray for bodywork applications
RSC4.4T-2/TXO3700	6632028	M12 connection cable; 4-pin without PE; orange; open end to plug, optionally with LEDs (green/yellow/red); orange (thick) jacket orange (thick, welding-sputter resistant); core colors brown, white, blue, black, gray for bodywork applications
RKC4.5T-2/TXO3700	6632034	M12 connection cable; 5-pin without PE; orange; open end to socket, optionally with LEDs (green/yellow/red); orange (thick) jacket orange (thick, welding-sputter resistant); core colors brown, white, blue, black, gray for bodywork applications
RSC4.5T-2/TXO3700	6632046	M12 connection cable; 5-pin without PE; orange; open end to plug, optionally with LEDs (green/yellow/red); orange (thick) jacket orange (thick, welding-sputter resistant); core colors brown, white, blue, black, gray for bodywork applications
RKC4T-2/TXL	6625500	M12 connection cable; 3-pin without PE; black; open end to socket, optionally with LEDs (green/yellow/red); black jacket; core colors brown, white, blue, black, gray, for non-bodywork applications
RSC4T-2/TXL	6625524	M12 connection cable; 3-pin without PE; black; open end to plug, optionally with LEDs (green/yellow/red); black jacket; core colors brown, white, blue, black, gray, for non-bodywork applications
RKC4T-P7X2-2/TXL	6626131	M12 connection cable; 3-pin without PE; black; open end to socket, optionally with LEDs (green/yellow/red); black jacket; core colors brown, white, blue, black, gray, for non-bodywork applications
RKC4.4T-2/TXL	6625503	M12 connection cable; 4-pin without PE; black; open end to socket, optionally with LEDs (green/yellow/red); black jacket; core colors brown, white, blue, black, gray, for non-bodywork applications
RSC4.4T-2/TXL	6625527	M12 connection cable; 4-pin without PE; black; open end to plug, optionally with LEDs (green/yellow/red), black jacket; core colors brown, white, blue, black, gray, for non-bodywork applications
RKC4.4T-P7X3.1-2/TXL	6629131	M12 connection cable; 4-pin without PE; black; open end to socket, optionally with LEDs (green/yellow/red), black jacket; core colors brown, white, blue, black, gray for non-bodywork applications
RKC4.5T-2/TXL	6625506	M12 connection cable; 5-pin without PE; black; open end to socket, optionally with LEDs (green/yellow/red), black jacket; core colors brown, white, blue, black, gray, for non-bodywork applications
RSC4.5T-2/TXL	6625530	M12 connection cable; 5-pin without PE; black; open end to plug, optionally with LEDs (green/yellow/red), black jacket; core colors brown, white, blue, black, gray, for non-bodywork applications
RKC4.5T-2/TXY6713	6632076	M12 safety cable; 5-pin without PE; yellow (welding-sputter resistant); open end, yellow (thick) yellow jacket (thick, welding-sputter resistant); yellow plug; core colors brown, white, blue, black, gray, for bodywork applications

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Type	Ident-No.	Description
RKC4.5T-2-RSC4.5T/TXY6713	6632085	M12 safety cable; 5-pin without PE; yellow (welding-sputter resistant); plug to socket, yellow (thick) yellow jacket (thick, welding-sputter resistant); yellow plug; core colors brown, white, blue, black, gray, for bodywork applications
RKC4.5T-2/TXY3013	6630910	M12 safety cable; 5-pin without PE; yellow; open end, yellow jacket; yellow plug; core colors brown, white, blue, black, gray, for non-bodywork applications
RKC4.5T-2-RSC4.5T/TXY3013	6630914	M12 safety cable; 5-pin without PE; yellow; plug to socket, yellow jacket; yellow plug; core colors brown, white, blue, black, gray, for non-bodywork applications
RKC4.4T-2-RSC4.4T/TXO3700	6632152	M12 connection cable; 4-pin without PE; orange; plug to socket, optionally with LEDs (green/yellow/red), orange (thick), orange jacket (thick, welding-sputter resistant); core colors brown, white, blue, black, gray, for bodywork applications
RKC4.5T-2-RSC4.5T/TXO3700	6632055	M12 connection cable; 5-pin without PE; orange; plug to socket, optionally with LEDs (green/yellow/red), orange (thick), orange jacket (thick, welding-sputter resistant); core colors brown, white, blue, black, gray for bodywork applications
RKC4.4T-2-RSC4.4T/TXL	6625608	M12 connection cable; 4-pin without PE; black; plug to socket, optionally with LEDs (green/yellow/red), black jacket; core colors brown, white, blue, black, gray, for non-bodywork applications
RKC4.4T-P7X3.1-2-RSC4.4T/TXL	6629137	M12 connection cable; 4-pin without PE; black; plug to socket, optionally with LEDs (green/yellow/red), black jacket; core colors brown, white, blue, black, gray for non-bodywork applications"
RKC4.5T-2-RSC4.5T/TXL	6625612	M12 connection cable; 5-pin without PE; black; plug to socket, optionally with LEDs (green/yellow/red), black jacket; core colors brown, white, blue, black, gray, for non-bodywork applications
RKC5T-2-RSC5T/TXL	6625616	(Socket), 4+PE industry standard according to catalog (M12 straight (pin), M12 straight (socket), 4+PE industry standard)
WKC5T-P7X3-2-RSC5T/TXL	6625906	M12 straight (pin), M12 angle (socket), 4+PE industry standard with 3 LEDs according to catalog (M12 straight (pin), M12 angled (socket), 4+PE with 3 LEDs)
WKC4T-P7X2-2/TXL	6626201	3-pin, angled female connector with 2 LEDs according to catalog (3-pin, with 2 LEDs)
WKC4T-2/TXL	6625512	3-pin, angled female connector without LED according to catalog (3-pin, without LED)
RKC5T-2/TXL	6625509	4+PE female connector, straight, industry standard according to catalog (4+PE, industry standard)
WKC5T-P7X3-2/TXL	6626092	4+PE angled female connector industry standard with 3 LEDs according to catalog (4+PE, with 3 LEDs)
RKC4.4T-2/TXL	6625503	4-pin, female connector, straight, according to catalog (4-pin, female connector, straight)
VAS22-S80E-5/TXL	6606504	Connector DIN EN 175301-803 design A, B, C for 24 V DC or 230 V 50 Hz AC according to catalog (connector with LED and integrated protective circuit — for selection) With LED and integrated protective circuit without/with injection-molded PUR cable, max. length 5 m, black cores = numbered, PE = GNYE

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Type	Ident-No.	Description
VBS02-S80E-5/TXL	6606513	Connector DIN EN 175301-803 design A, B, C for 24 V DC or 230 V 50 Hz AC according to catalog (connector with LED and integrated protective circuit — for selection) With LED and integrated protective circuit without/with injection-molded PUR cable, max. length 5 m, black cores = numbered, PE = GNYE
VAS22-A80E-5/TXL	6606572	Connector DIN EN 175301-803 design A for 24 V DC or 230 V 50 Hz AC according to catalog (connector without LED — for selection) without LED without/with injection-molded PUR cable, max. length 5 m, black cores = numbered, PE = GNYE
VBS02-A80E-5/TXL	6606817	Connector DIN EN 175301-803 design B for 24 V DC or 230 V 50 Hz AC according to catalog (connector without LED — for selection) without LED without/with injection-molded PUR cable, max. length 5 m, black cores = numbered, PE = GNYE
VC8S02-A80E-5/TXL	6606651	Connector DIN EN 175301-803 design C for 24 V DC or 230 V 50 Hz AC according to catalog (connector without LED — for selection) without LED without/with injection-molded PUR cable, max. length 5 m, black cores = numbered, PE = GNYE
Junction Boxes		
VB2-FKM5-2FSM4.4	6934914	Passive sensor/actuator junction according to catalog (plug-in distributor, 2-way, M12, 4+PE) with spacer for mounting on the machine body (do not fit to plug-in distributor)
VAS22-S80E-0.15-DAS22-S81E-2/TXL	6606614	Double solenoid valve connection cable, design A, M12, LED DIN EN 175301-803 (valve plug design A)

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Sensor Technology – Inductive Sensors

BI20U-CA40-AP6X2-H1141/S1590 W/BS2.0	–	Ident. no. 1627205
	Inductive sensor With WeldGuard™ coating ■ 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 x 1 male connector ■ Factor 1 for all metals ■ Protection class IP67 ■ Resistant to magnetic fields Rated switching distance: 20 mm, Flush	
BI15U-CK40-AP6X2-H1141	–	Ident. no. 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 x 1 male connector ■ Factor 1 for all metals ■ Protection class IP68 ■ Resistant to magnetic fields ■ Extended temperature range ■ High switching frequency Rated switching distance: 15 mm, Flush	
BI20U-CK40-AP6X2-H1141	–	Ident. no. 1627233
	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 x 1 male connector ■ Factor 1 for all metals ■ Protection class IP68 ■ Resistant to magnetic fields ■ Large coverage ■ High switching frequency Rated switching distance: 20 mm, Flush	

NI35U-CK40-AP6X2-H1141	–	Ident. no. 1625800
	Inductive sensor Increased 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 x 1 male connector ■ Factor 1 for all metals ■ Increased switching distance ■ Protection class IP68 ■ Resistant to magnetic fields ■ Extended temperature range ■ High switching frequency ■ Auto-compensation protects against pre-attenuation Rated switching distance: 35 mm, Non-flush	
NI40U-CK40-AP6X2-H1141	–	Ident. no. 1623641
	Inductive sensor With increased 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 x 1 male connector ■ Factor 1 for all metals ■ Increased switching distance ■ Protection class IP68 ■ Large coverage ■ Resistant to magnetic fields ■ Extended temperature range ■ High switching frequency Rated switching distance: 40 mm, Non-flush	
BI20U-CK40-RP6X2-H1143	–	Ident. no. 1627206
	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 ■ NC contact, PNP output ■ M12 x 1 male connector ■ Factor 1 for all metals ■ Protection class IP68 ■ Resistant to magnetic fields ■ Large coverage ■ High switching frequency Rated switching distance: 20 mm, Flush	

BI50U-Q80-AP6X2-H1141	–	Ident. no. 1608940
	Inductive sensor ■ Rectangular, height 40 mm ■ Active face on top ■ Plastic, PBT-GF30-V0 ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ M12 x 1 male connector ■ Factor 1 for all metals ■ Increased switching distance ■ Protection class IP68 ■ Resistant to magnetic fields Rated switching distance: 50 mm, Flush	
BI4U-MT12-AP6X-H1141	1634809	Ident. no. 1634809
	Inductive sensor ■ Threaded barrel, M12 x 1 ■ Brass, PTFE-coated ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ M12 x 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, Flush	
BI8U-MT18-AP6X-H1141	–	Ident. no. 1644730
	Inductive sensor ■ Threaded barrel, M18 x 1 ■ Brass, PTFE-coated ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ M12 x 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, Flush	
BI15U-MT30-AP6X-H1141	–	Ident. no. 1636734
	Inductive sensor ■ Threaded barrel, M30 x 1.5 ■ Brass, PTFE-coated ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ M12 x 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, Flush	

BI2U-EGT08-AP6X-H1341	–	Ident. no. 4602071
	Inductive sensor ■ Threaded barrel, M8 x 1 ■ Stainless steel, PTFE-coated ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ M12 x 1 male connector ■ Factor 1 for all metals ■ Protection class IP68 ■ Resistant to magnetic fields ■ Large switching distance ■ High switching frequency ■ Recessed mountable Rated switching distance: 2 mm, Flush	
BI2-M08E-AP6X	–	Ident. no. 4602954
	Inductive sensor With increased switching distance ■ Threaded barrel, M8 x 1 ■ Nickel-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ Cable connection ■ Cable length 2 m ■ Large sensing range Rated switching distance: 2 mm, Flush	
BI2-M08-AP6X	–	Ident. no. 4602901
	Inductive sensor With increased switching distance ■ Threaded barrel, M8 x 1 ■ Nickel-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ Cable connection ■ Cable length 2 m ■ Large sensing range Rated switching distance: 2 mm, Flush	
BI2-M08K-AP6X	–	Ident. no. 4602966
	Inductive sensor With increased switching distance ■ Threaded barrel, M8 x 1 ■ Nickel-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ Cable connection ■ Cable length 2 m ■ Large sensing range Rated switching distance: 2 mm, Flush	
BI3-M08-AP6X	–	Ident. no. 4602910
	Inductive sensor With increased switching distance ■ Threaded barrel, M8 x 1 ■ Nickel-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ Cable connection ■ Cable length 2 m ■ Large sensing range Rated switching distance: 3 mm, Flush	

BI3-M08E-AP6X	–	Ident. no. 4602906
	Inductive sensor With increased switching distance ■ Threaded barrel, M8 x 1 ■ Nickel-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ Cable connection ■ Cable length 2 m ■ Large sensing range Rated switching distance: 3 mm, Flush	
BI3-M08K-AP6X	–	Ident. no. 4602919
	Inductive sensor With increased switching distance ■ Threaded barrel, M8 x 1 ■ Nickel-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ Cable connection ■ Cable length 2 m ■ Large sensing range Rated switching distance: 3 mm, Flush	
BI3-M08KK-AP6X	–	Ident. no. 4602938
	Inductive sensor With increased switching distance ■ Threaded barrel, M8 x 1 ■ Nickel-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ Cable connection ■ Cable length 2 m ■ Large sensing range Rated switching distance: 3 mm, Flush	
BI2-M08E-AP6X-H1341	–	Ident. no. 4602955
	Inductive sensor With increased switching distance ■ Threaded barrel, M8 x 1 ■ Nickel-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ M12 x 1 male connector ■ Large sensing range Rated switching distance: 2 mm, Flush	
BI2-M08-AP6X-H1341	–	Ident. no. 4602902
	Inductive sensor With increased switching distance ■ Threaded barrel, M8 x 1 ■ Nickel-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ M12 x 1 male connector ■ Large sensing range Rated switching distance: 2 mm, Flush	

BI2-M08K-AP6X-H1341	–	Ident. no. 4602967
	Inductive sensor With increased switching distance ■ Threaded barrel, M8 x 1 ■ Nickel-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ M12 x 1 male connector ■ Large sensing range Rated switching distance: 2 mm, Flush	
BI3-M08-AP6X-H1341	–	Ident. no. 4602912
	Inductive sensor With increased switching distance ■ Threaded barrel, M8 x 1 ■ Nickel-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ M12 x 1 male connector ■ Large sensing range Rated switching distance: 3 mm, Flush	
BI3-M08E-AP6X-H1341	–	Ident. no. 4602904
	Inductive sensor With increased switching distance ■ Threaded barrel, M8 x 1 ■ Nickel-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ M12 x 1 male connector ■ Large sensing range Rated switching distance: 3 mm, Flush	
BI3-M08K-AP6X-H1341	–	Ident. no. 4602918
	Inductive sensor With increased switching distance ■ Threaded barrel, M8 x 1 ■ Nickel-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ M12 x 1 male connector ■ Large sensing range Rated switching distance: 3 mm, Flush	
BI3-M08KK-AP6X-H1341	–	Ident. no. 4602940
	Inductive sensor With increased switching distance ■ Threaded barrel, M8 x 1 ■ Nickel-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ M12 x 1 male connector ■ Large sensing range Rated switching distance: 3 mm, Flush	

BI3U-M12-AP6X/S90	–	Ident. no. 1634115
	Inductive sensor ■ M12 × 1 threaded barrel ■ Chrome-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ Cable connection ■ Cable length 2 m ■ Factor 1 for all metals ■ Protection class IP68 ■ Resistant to magnetic fields ■ Extended temperature range ■ High switching frequency Rated switching distance: 3 mm, Flush	
BI2-M12-AP6X-H1141	–	Ident. no. 46065
	Inductive sensor ■ M12 × 1 threaded barrel ■ Chrome-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ M12 × 1 male connector Rated switching distance: 2 mm, Flush	
BI2U-M12-AP6X-H1141	–	Ident. no. 1669804
	Inductive sensor ■ M12 × 1 threaded barrel ■ Chrome-plated brass ■ 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 Rated switching distance: 2 mm, Flush	
BI3U-M12-AP6X-H1141	–	Ident. no. 1634140
	Inductive sensor ■ M12 × 1 threaded barrel ■ Chrome-plated brass ■ 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 Rated switching distance: 3 mm, Flush	
BI4-M12-AP6X-H1141	–	Ident. no. 46070
	Inductive sensor With increased switching distance ■ M12 × 1 threaded barrel ■ Chrome-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ M12 × 1 male connector ■ Large sensing range Rated switching distance: 4 mm, Flush	

BI4U-M12-AP6X-H1141	–	Ident. no. 1634804
	Inductive sensor ■ M12 × 1 threaded barrel ■ Chrome-plated brass ■ 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, Flush	
BI6U-M12-AP6X-H1141	–	Ident. no. 1644810
	Inductive sensor ■ M12 × 1 threaded barrel ■ Chrome-plated brass ■ 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 Rated switching distance: 6 mm, Flush	
BI8U-EM18-AP6X/S90	–	Ident. no. 1644749
	Inductive sensor ■ Threaded barrel, M18 x 1 ■ Stainless steel, 1.4301 ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ Cable connection ■ Cable length 2 m ■ Factor 1 for all metals ■ Protection class IP68 ■ Resistant to magnetic fields ■ Large switching distance ■ Recessed mountable Rated switching distance: 8 mm, Flush	
BI5-M18-AP6X-H1141	–	Ident. no. 46145
	Inductive sensor ■ Threaded barrel, M18 x 1 ■ Chrome-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ M12 × 1 male connector Rated switching distance: 5 mm, Flush	
BI5U-M18-AP6X-H1141	–	Ident. no. 1635140
	Inductive sensor ■ Threaded barrel, M18 x 1 ■ Chrome-plated brass ■ 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 Rated switching distance: 5 mm, Flush	

BI8U-M18E-AP6X-H1141	–	Ident. no. 1644735
	Inductive sensor ■ Threaded barrel, M18 x 1 ■ Chrome-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ M12 x 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, Flush	
BI8U-M18-AP6X-H1141	–	Ident. no. 1644731
	Inductive sensor ■ Threaded barrel, M18 x 1 ■ Chrome-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ M12 x 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, Flush	
BI15U-M30-AP6X/S90 15M	–	Ident. no. 1636760
	Inductive sensor ■ M30 x 1.5 threaded tube ■ Chrome-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ Cable connection ■ Cable length 15 m ■ Factor 1 for all metals ■ Protection class IP68 ■ Resistant to magnetic fields ■ Large switching distance ■ Recessed mountable Rated switching distance: 15 mm, Flush	
BI10-M30-AP6X-H1141	–	Ident. no. 46175
	Inductive sensor ■ M30 x 1.5 threaded tube ■ Chrome-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ M12 x 1 male connector Rated switching distance: 10 mm, Flush	

BI10U-M30-AP6X-H1141	–	Ident. no. 1636140
	Inductive sensor ■ M30 × 1.5 threaded tube ■ Chrome-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ M12 x 1 male connector ■ Factor 1 for all metals ■ Protection class IP68 ■ Resistant to magnetic fields ■ Extended temperature range ■ High switching frequency Rated switching distance: 10 mm, Flush	
BI15-M30-AP6X-H1141	–	Ident. no. 46185
	Inductive sensor With increased switching distance ■ M30 × 1.5 threaded tube ■ Chrome-plated brass ■ DC 3-wire, 10...30 VDC ■ NO contact, PNP output ■ M12 x 1 male connector ■ Large sensing range Rated switching distance: 15 mm, Flush	

Sensor Technology – Photoelectric Sensors

QS186LEQ8	–	Ident. no. 3070253
	Photoelectric Sensor laser emitter ■ Male M12 × 1, 4-pin ■ Protection class IP67 ■ Male M12 × 1 ■ Laser class 1 ■ LED all-round visible Max. range: 15000 mm	
QS18VP6RQ8	–	Ident. no. 3066450
	Photoelectric Sensor opposed mode sensor (emitter/receiver) ■ Male M12 × 1, 4-pin ■ Protection class IP67 ■ Operating voltage: 10...30 VDC ■ PNP switching output, changeover ■ LED all-round visible Max. range: 20000 mm	
QS30LLPQ	–	Ident. no. 3002994
	Photoelectric Sensor retroreflective sensor with polarizing filter ■ Male M12 × 1, 5-pin ■ Protection class IP67 ■ Operating voltage: 10...30 VDC ■ Switching output, bipolar ■ Light or dark operation ■ Compact design ■ Rectangular profile ■ LED all-round visible ■ Reflector BRT-36X40BM included in delivery ■ Self-adhesive reflector foil BRT-THVG-2X2 included in delivery ■ Excess gain, max. setting for long range Max. range: 18000 mm	
Q45BB6DXQ5	–	Ident. no. 3047138
	Photoelectric Sensor diffuse mode sensor ■ Male M12 × 1 ■ Protection class IP67 ■ Operating voltage: 10...30 VDC ■ Switching output, bipolar ■ Light or dark operation, adjusted via switch ■ Sensitivity adjusted via potentiometer Max. range: 3000 mm	

Sensor Technology – Flow Sensors

FCS-G1/2A4-AP8X-H1141/D030	–	Ident. no. 6870019
	Flow monitoring Immersion sensor with integrated processor ■ Flow sensor for liquid media ■ Calorimetric principle ■ Adjustment via potentiometer ■ LED band ■ DC 3-wire, 19.2...28.8 VDC ■ NO contact, PNP output ■ Connector device, M12 × 1 ■ Protective insulation acc. to DIN 57106 part 1/VDE 0106, part 1 The protective insulation prevents excessive touch voltages on the device surface as against the earth potential.	
FCS-G1/2A4-AP8X-H1141 3M	–	Ident. no. 6870050
	Flow monitoring Immersion sensor with integrated processor ■ Flow sensor for liquid media ■ Calorimetric principle ■ Adjustment via potentiometer ■ LED band ■ DC 3-wire, 19.2...28.8 VDC ■ NO contact, PNP output ■ Connector device, M12 × 1	
FCS-G1/2A4-AP8X-H1141 0.5M	–	Ident. no. 6870051
	Flow monitoring Immersion sensor with integrated processor ■ Flow sensor for liquid media ■ Calorimetric principle ■ Adjustment via potentiometer ■ LED band ■ DC 3-wire, 19.2...28.8 VDC ■ NO contact, PNP output ■ Connector device, M12 × 1	
FTCI-10D10A4P-2UP8X-H1141	–	Ident. no. 6870041
	Flow Rate Measurement Inline sensor with integrated processor ■ Compact inline flow sensor ■ Calorimetric principle ■ Monitoring of flow rate ■ Monitoring of the medium temperature ■ For water/glycol mix ■ Parametrized via button ■ Protected by software code ■ DC 4-wire ■ PNP outputs ■ NO/NC programmable	

FTCI-10D10A4P-LI-UP8X-H1141	–	Ident. no. 6870042
	Flow Rate Measurement Inline sensor with integrated processor ■ Compact inline flow sensor ■ Calorimetric principle ■ Monitoring of flow rate ■ Monitoring of the medium temperature ■ For water/glycol mix ■ Parametrized via button ■ Protected by software code ■ DC 4-wire, 21.6...26.4 VDC ■ NO/NC prog., PNP output ■ 4...20 mA analog output ■ Analog output provides a current signal proportional to the flow rate for the overall operating range ■ Plug-in device, M12 x 1	
FTCI-15D15A4P-2UP8X-H1141	–	Ident. no. 6870043
	Flow Rate Measurement Inline sensor with integrated processor ■ Compact inline flow sensor ■ Calorimetric principle ■ Monitoring of flow rate ■ Monitoring of the medium temperature ■ For water/glycol mix ■ Parametrized via button ■ Protected by software code ■ DC 4-wire ■ PNP outputs ■ NO/NC programmable	
FTCI-15D15A4P-LI-UP8X-H1141	–	Ident. no. 6870044
	Flow Rate Measurement Inline sensor with integrated processor ■ Compact inline flow sensor ■ Calorimetric principle ■ Monitoring of flow rate ■ Monitoring of the medium temperature ■ For water/glycol mix ■ Parametrized via button ■ Protected by software code ■ DC 4-wire, 21.6...26.4 VDC ■ NO/NC prog., PNP output ■ 4...20 mA analog output ■ Analog output provides a current signal proportional to the flow rate for the overall operating range ■ Plug-in device, M12 x 1	
FTCI-18D15A4P-2UP8X-H1141	–	Ident. no. 6870045
	Flow Rate Measurement Inline sensor with integrated processor ■ Compact inline flow sensor ■ Calorimetric principle ■ Monitoring of flow rate ■ Monitoring of the medium temperature ■ For water/glycol mix ■ Parametrized via button ■ Protected by software code ■ DC 4-wire ■ PNP outputs ■ NO/NC programmable	

FTCI-18D15A4P-LI-UP8X-H1141	–	Ident. no. 6870046
	Flow Rate Measurement Inline sensor with integrated processor ■ Compact inline flow sensor ■ Calorimetric principle ■ Monitoring of flow rate ■ Monitoring of the medium temperature ■ For water/glycol mix ■ Parametrized via button ■ Protected by software code ■ DC 4-wire, 21.6...26.4 VDC ■ NO/NC prog., PNP output ■ 4...20 mA analog output ■ Analog output provides a current signal proportional to the flow rate for the overall operating range ■ Plug-in device, M12 x 1	
FTCI-10D10A4P-2LIX-H1141	–	Ident. no. 6870049
	Flow Rate Measurement Inline sensor with integrated processor ■ Flow meter for water and water/glycol mixes up to 30% ■ Calorimetric measuring principle ■ Display and monitoring of flow rate and temperature ■ Prog. via pushbutton, code-protected ■ Repeatability < 10% f.s. ■ Sealant between measuring tube and process connection FKM 5 ■ DC 4-wire, 21.6...26.4 VDC ■ 4...20 mA analog output ■ Plug-in device, M12 x 1 ■ Output flow 4...20 mA, linear ■ Output temperature 4...20 mA, linear	
FTCI-N3/4D19A4P-2ARX-H1160	–	Ident. no. 6870053
	Flow Rate Measurement Inline sensor with integrated processor Relay output 24 VDC NO ■ Compact inline flow sensor ■ Calorimetric principle ■ Monitoring of flow rate ■ Monitoring of the medium temperature ■ For water/glycol mix ■ Parametrized via button ■ Protected by software code ■ 2 relay switching outputs ■ Switching outputs 24 VDC NO ■ Switchpoints freely adjustable ■ Operating range 10...100 l/min	
FTCI-3/8D10A4P-2UP8X-H1141	–	Ident. no. 6870806
	Flow Rate Measurement Inline sensor with integrated processor ■ Compact inline flow sensor ■ Calorimetric principle ■ Monitoring of flow rate ■ Monitoring of the medium temperature ■ For water/glycol mix ■ Parametrized via button ■ Protected by software code ■ DC 4-wire ■ PNP outputs ■ NO/NC programmable	

FTCI-1/2D10A4P-2UP8X-H1141	–	Ident. no. 6870807
	Flow Rate Measurement Inline sensor with integrated processor ■ Compact inline flow sensor ■ Calorimetric principle ■ Monitoring of flow rate ■ Monitoring of the medium temperature ■ For water/glycol mix ■ Parametrized via button ■ Protected by software code ■ DC 4-wire ■ PNP outputs ■ NO/NC programmable	
FTCI-3/4D15A4P-2UP8X-H1141	–	Ident. no. 6870808
	Flow Rate Measurement Inline sensor with integrated processor ■ Compact inline flow sensor ■ Calorimetric principle ■ Monitoring of flow rate ■ Monitoring of the medium temperature ■ For water/glycol mix ■ Parametrized via button ■ Protected by software code ■ DC 4-wire ■ PNP outputs ■ NO/NC programmable	
FTCI-3/8D10A4P-LI-UP8X-H1141	–	Ident. no. 6870809
	Flow Rate Measurement Inline sensor with integrated processor ■ Compact inline flow sensor ■ Calorimetric principle ■ Monitoring of flow rate ■ Monitoring of the medium temperature ■ For water/glycol mix ■ Parametrized via button ■ Protected by software code ■ DC 4-wire, 21.6...26.4 VDC ■ NO/NC prog., PNP output ■ 4...20 mA analog output ■ Analog output provides a current signal proportional to the flow rate for the overall operating range ■ Plug-in device, M12 x 1	
FTCI-1/2D10A4P-LI-UP8X-H1141	–	Ident. no. 6870810
	Flow Rate Measurement Inline sensor with integrated processor ■ Compact inline flow sensor ■ Calorimetric principle ■ Monitoring of flow rate ■ Monitoring of the medium temperature ■ For water/glycol mix ■ Parametrized via button ■ Protected by software code ■ DC 4-wire, 21.6...26.4 VDC ■ NO/NC prog., PNP output ■ 4...20 mA analog output ■ Analog output provides a current signal proportional to the flow rate for the overall operating range ■ Plug-in device, M12 x 1	

FTCI-3/4D15A4P-LI-UP8X-H1141	–	Ident. no. 6870811
	Flow Rate Measurement Inline sensor with integrated processor ■ Compact inline flow sensor ■ Calorimetric principle ■ Monitoring of flow rate ■ Monitoring of the medium temperature ■ For water/glycol mix ■ Parametrized via button ■ Protected by software code ■ DC 4-wire, 21.6...26.4 VDC ■ NO/NC prog., PNP output ■ 4...20 mA analog output ■ Analog output provides a current signal proportional to the flow rate for the overall operating range ■ Plug-in device, M12 x 1	
FTCI-3/4D15A4P-4UP8X-H1160	–	Ident. no. 6870813
	Flow Rate Measurement Inline sensor with integrated processor ■ Compact inline flow sensor ■ Calorimetric principle ■ Monitoring of flow rate ■ Monitoring of the medium temperature ■ For water/glycol mix ■ Parametrized via button ■ Protected by software code ■ DC 6-wire ■ PNP outputs ■ NO/NC programmable	
FTCI-1/2D10A4P-4UP8X-H1160	–	Ident. no. 6870815
	Flow Rate Measurement Inline sensor with integrated processor ■ Compact inline flow sensor ■ Calorimetric principle ■ Monitoring of flow rate ■ Monitoring of the medium temperature ■ For water/glycol mix ■ Parametrized via button ■ Protected by software code ■ DC 6-wire ■ PNP outputs ■ NO/NC programmable	
FTCI-3/4D15A4P-2LIX-H1141	–	Ident. no. 6870838
	Flow Rate Measurement Inline sensor with integrated processor ■ Compact inline flow sensor ■ Calorimetric principle ■ Monitoring of flow rate ■ Monitoring of the medium temperature ■ For water/glycol mix ■ Parametrized via button ■ Protected by software code ■ DC 4-wire, 21.6...26.4 VDC ■ 4...20 mA analog output ■ Plug-in device, M12 x 1 ■ Output flow 4...20 mA, linear ■ Output temperature 4...20 mA, linear	

FTCI-1/2D10A4P-2LUX-H1141	–	Ident. no. 6870840
	Flow Rate Measurement Inline sensor with integrated processor ■ Compact inline flow sensor ■ Calorimetric principle ■ Monitoring of flow rate ■ Monitoring of the medium temperature ■ For water/glycol mix ■ Parametrized via button ■ Protected by software code ■ Analog output flow 0... 10 VDC ■ Analog output temperature 0...10 VDC ■ Electrical connection M12 x 1	
FTCI-3/4D19A4P-2ARX-H1160	–	Ident. no. 6870901
	Compact inline flow meter Flow rate measurement Relay output 24 VDC NO ■ Calorimetric principle ■ Monitoring of flow rate ■ Monitoring of the medium temperature ■ For water/glycol mix ■ Parametrized via button ■ Protected by software code ■ 2 relay switching outputs ■ Switching outputs 24 VDC NO ■ Switchpoints freely adjustable ■ Hysteresis Flow 0.4...1.9 l/min ■ Hysteresis Temp 1...10 °C ■ Temperature monitoring, -10...95 °C ■ Switch ON/OFF delay 0...50 s	
FTCI-G1/2A4-D15/L068	–	Ident. no. 6870149
	Mounting accessories Flow Meter ■ Adapter for flow meters ■ Mechanical adaptation on G1/2 threads ■ Stainless steel A4 1.4571 / AISI 316 Ti)	
FTCI-MP01AL	–	Ident. no. 6870040
	Mounting accessories Flow Meter ■ Aluminium mounting panel ■ For simple front mounting ■ For FTCl flow meters	

Connectivity – Cables and Flanges

RKC5T-2/TXL	–	Ident. no. 6625509
	Actuator and Sensor Cable, PUR Connection Cable ■ Female M12, straight, 4-pin + PE ■ Cable length: 2.0 m ■ Sheath material: PUR ■ Sheath color: black ■ Qualified for drag chain use ■ Resistant to weld splatter ■ Resistant to chemicals, UV radiation and oils ■ Flame retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS conform ■ Protection class IP67	
RKC4T-2/TXO3700	–	Ident. no. 6631998
	Actuator and Sensor Cable, PUR Connection Cable ■ Female M12, straight, 3-pin ■ Cable length: 2.0 m ■ Jacket material: PUR ■ Jacket color: orange ■ Suitable for drag chain use ■ Resistant to welding sparks ■ Resistant to chemicals, UV radiation and oils ■ Flame-retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS-compliant ■ Protection class IP67	
RSC4T-2/TXO3700	–	Ident. no. 6632010
	Actuator and Sensor Cable, PUR Connection Cable ■ Male M12, straight, 3-pin ■ Cable length: 2.0 m ■ Jacket material: PUR ■ Jacket color: orange ■ Suitable for drag chain use ■ Resistant to welding sparks ■ Resistant to chemicals, UV radiation and oils ■ Flame-retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS-compliant ■ Protection class IP67	

RKC4.4T-2/TXO3700	–	Ident. no. 6632016
	Actuator and Sensor Cable, PUR Connection Cable ■ Female M12, straight, 4-pin ■ Cable length: 2.0 m ■ Jacket material: PUR ■ Jacket color: orange ■ Suitable for drag chain use ■ Resistant to welding sparks ■ Resistant to chemicals, UV radiation and oils ■ Flame-retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS-compliant ■ Protection class IP67	
RSC4.4T-2/TXO3700	–	Ident. no. 6632028
	Actuator and Sensor Cable, PUR Connection Cable ■ Male M12, straight, 4-pin ■ Cable length: 2.0 m ■ Jacket material: PUR ■ Jacket color: orange ■ Suitable for drag chain use ■ Resistant to welding sparks ■ Resistant to chemicals, UV radiation and oils ■ Flame-retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS-compliant ■ Protection class IP67	
RKC4.5T-2/TXO3700	–	Ident. no. 6632034
	Actuator and Sensor Cable, PUR Connection Cable ■ Female M12, straight, 5-pin ■ Cable length: 2.0 m ■ Jacket material: PUR ■ Jacket color: orange ■ Suitable for drag chain use ■ Resistant to welding sparks ■ Resistant to chemicals, UV radiation and oils ■ Flame-retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS-compliant ■ Protection class IP67	

RSC4.5T-2/TXO3700	–	Ident. no. 6632046
	Actuator and Sensor Cable, PUR Connection Cable ■ Male M12, straight, 5-pin ■ Cable length: 2.0 m ■ Jacket material: PUR ■ Jacket color: orange ■ Suitable for drag chain use ■ Resistant to welding sparks ■ Resistant to chemicals, UV radiation and oils ■ Flame-retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS-compliant ■ Protection class IP67	
RKC4T-2/TXL	–	Ident. no. 6625500
	Actuator and Sensor Cable, PUR Connection Cable ■ Female M12, straight, 3-pin ■ Cable length 2 m ■ Sheath material: PUR ■ Sheath color: black ■ Qualified for drag chain use ■ Resistant to weld splatter ■ Resistant to chemicals, UV radiation and oils ■ Flame retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS conform ■ Protection class IP67	
RSC4T-2/TXL	–	Ident. no. 6625524
	Actuator and Sensor Cable, PUR Connection Cable ■ Male M12, straight, 3-pin ■ Cable length: 2.0 m ■ Sheath material: PUR ■ Sheath color: black ■ Qualified for drag chain use ■ Resistant to weld splatter ■ Resistant to chemicals, UV radiation and oils ■ Flame retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS conform ■ Protection class IP67	

RKC4T-P7X2-2/TXL	–	Ident. no. 6626131
	Actuator and Sensor Cable, PUR Connection Cable ■ M12 female connector, straight, 3-pin ■ With 2-color LED (PNP, yellow, green), all-round visibility ■ Cable length 2.0 m ■ Sheath material: PUR ■ Sheath color: black ■ Qualified for drag chain use ■ Resistant to weld splatter ■ Resistant to chemicals, UV radiation and oils ■ Flame retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS conform ■ Protection class IP67	
RKC4.4T-2/TXL	–	Ident. no. 6625503
	Actuator and Sensor Cable, PUR Connection Cable ■ Female M12, straight, 4-pin ■ Cable length 2.0 m ■ Sheath material: PUR ■ Sheath color: black ■ Qualified for drag chain use ■ Resistant to weld splatter ■ Resistant to chemicals, UV radiation and oils ■ Flame retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS conform ■ Protection class IP67	
RSC4.4T-2/TXL	–	Ident. no. 6625527
	Actuator and Sensor Cable, PUR Connection Cable ■ Male M12, straight, 4-pin ■ Cable length: 2.0 m ■ Sheath material: PUR ■ Sheath color: black ■ Qualified for drag chain use ■ Resistant to weld splatter ■ Resistant to chemicals, UV radiation and oils ■ Flame retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS conform ■ Protection class IP67	

RKC4.4T-P7X3.1-2/TXL	–	Ident. no. 6629131
	Actuator and Sensor Cable, PUR Connection Cable ■ M12 female connector, straight, 4-pin ■ With 3-color LED (PNP, red, yellow, green), all-round visibility ■ Cable length: 2.0 m ■ Sheath material: PUR ■ Sheath color: black ■ Qualified for drag chain use ■ Resistant to weld splatter ■ Resistant to chemicals, UV radiation and oils ■ Flame retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS conform ■ Protection class IP67	
RKC4.5T-2/TXL	–	Ident. no. 6625506
	Actuator and Sensor Cable, PUR Connection Cable ■ Female M12, straight, 5-pin ■ Cable length 2.0 m ■ Sheath material: PUR ■ Sheath color: black ■ Qualified for drag chain use ■ Resistant to weld splatter ■ Resistant to chemicals, UV radiation and oils ■ Flame retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS conform ■ Protection class IP67	
RSC4.5T-2/TXL	–	Ident. no. 6625530
	Actuator and Sensor Cable, PUR Connection Cable ■ Male M12, straight, 5-pin ■ Cable length: 2.0 m ■ Sheath material: PUR ■ Sheath color: black ■ Qualified for drag chain use ■ Resistant to weld splatter ■ Resistant to chemicals, UV radiation and oils ■ Flame retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS conform ■ Protection class IP67	

RKC4.5T-2/TXY6713	–	Ident. no. 6632076
	Actuator and Sensor Cable, PUR Connection Cable ■ Female M12, straight, 5-pin ■ Cable length: 2.0 m ■ Jacket material: PUR ■ Jacket color: yellow ■ Grip color: yellow ■ Suitable for drag chain use ■ Resistant to welding sparks ■ Resistant to chemicals, UV radiation and oils ■ Flame-retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS-compliant ■ Protection class IP67	
RKC4.5T-2-RSC4.5T/TXY6713	–	Ident. no. 6632085
	Actuator and Sensor Cable, PUR Extension Cable ■ Female M12, straight, 5-pin ■ Cable length: 2.0 m ■ Jacket material: PUR ■ Jacket color: yellow ■ Grip color: yellow ■ Suitable for drag chain use ■ Resistant to welding sparks ■ Resistant to chemicals, UV radiation and oils ■ Flame-retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS-compliant ■ Protection class IP67 ■ Male M12, straight, 5-pin	
RKC4.5T-2/TXY3013	–	Ident. no. 6630910
	Actuator and Sensor Cable, PUR Connection Cable ■ Female M12, straight, 5-pin ■ Cable length 2.0 m ■ Sheath material: PUR ■ Sheath color: yellow ■ Grip color: yellow ■ Qualified for drag chain use ■ Resistant to weld splatter ■ Resistant to chemicals, UV radiation and oils ■ Flame retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS-compliant ■ Protection class IP67	

RKC4.5T-2-RSC4.5T/TXY3013	–	Ident. no. 6630914
	Actuator and Sensor Cable, PUR Extension Cable ■ Female M12, straight, 5-pin ■ Cable length 2.0 m ■ Sheath material: PUR ■ Sheath color: yellow ■ Grip color: yellow ■ Qualified for drag chain use ■ Resistant to weld splatter ■ Resistant to chemicals, UV radiation and oils ■ Flame retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS-compliant ■ Protection class IP67 ■ Male M12, straight, 5-pin	
RKC4.4T-2-RSC4.4T/TXO3700	–	Ident. no. 6632152
	Actuator and Sensor Cable, PUR Extension Cable ■ Female M12, straight, 4-pin ■ Cable length: 2.0 m ■ Jacket material: PUR ■ Jacket color: orange ■ Suitable for drag chain use ■ Resistant to welding sparks ■ Resistant to chemicals, UV radiation and oils ■ Flame-retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS-compliant ■ Protection class IP67 ■ Male M12, straight, 4-pin	
RKC4.5T-2-RSC4.5T/TXO3700	–	Ident. no. 6632055
	Actuator and Sensor Cable, PUR Extension Cable ■ Female M12, straight, 5-pin ■ Cable length: 2.0 m ■ Jacket material: PUR ■ Jacket color: orange ■ Suitable for drag chain use ■ Resistant to welding sparks ■ Resistant to chemicals, UV radiation and oils ■ Flame-retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS-compliant ■ Protection class IP67 ■ Male M12, straight, 5-pin	

RKC4.4T-2-RSC4.4T/TXL	–	Ident. no. 6625608
	Actuator and Sensor Cable, PUR Extension Cable	
	■ Female M12, straight, 4-pin ■ Cable length: 2.0 m ■ Sheath material: PUR ■ Sheath color: black ■ Qualified for drag chain use ■ Resistant to weld splatter ■ Resistant to chemicals, UV radiation and oils ■ Flame retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS conform ■ Protection class IP67 ■ Male M12, straight, 4-pin	
RKC4.4T-P7X3.1-2-RSC4.4T/TXL	–	Ident. no. 6629137
	Actuator and Sensor Cable, PUR Extension Cable	
	■ M12 female connector, straight, 4-pin ■ With 3-color LED (PNP, red, yellow, green), all-round visibility ■ Cable length: 2.0 m ■ Sheath material: PUR ■ Sheath color: black ■ Qualified for drag chain use ■ Resistant to weld splatter ■ Resistant to chemicals, UV radiation and oils ■ Flame retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS conform ■ Protection class IP67 ■ Male M12, straight, 4-pin	
RKC4.5T-2-RSC4.5T/TXL	–	Ident. no. 6625612
	Actuator and Sensor Cable, PUR Extension Cable	
	■ Female M12, straight, 5-pin ■ Cable length: 2.0 m ■ Sheath material: PUR ■ Sheath color: black ■ Qualified for drag chain use ■ Resistant to weld splatter ■ Resistant to chemicals, UV radiation and oils ■ Flame retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS conform ■ Protection class IP67 ■ Male M12, straight, 5-pin	

RKC5T-2-RSC5T/TXL	–	Ident. no. 6625616
	Actuator and Sensor Cable, PUR Extension Cable ■ Female M12, straight, 4-pin + PE ■ Cable length: 2.0 m ■ Sheath material: PUR ■ Sheath color: black ■ Qualified for drag chain use ■ Resistant to weld splatter ■ Resistant to chemicals, UV radiation and oils ■ Flame retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS conform ■ Protection class IP67 ■ Male M12, straight, 4-pin + PE	
WKC5T-P7X3-2-RSC5T/TXL	–	Ident. no. 6625906
	Actuator and Sensor Cable, PUR Extension Cable ■ Female M12, angled, 4-pin + PE ■ With 3-color LED (PNP, yellow, yellow, green) ■ Cable length: 2.0 m ■ Sheath material: PUR ■ Sheath color: black ■ Qualified for drag chain use ■ Resistant to weld splatter ■ Resistant to chemicals, UV radiation and oils ■ Flame retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS conform ■ Protection class IP67 ■ Male M12, straight, 4-pin + PE	
WKC4T-P7X2-2/TXL	–	Ident. no. 6626201
	Actuator and Sensor Cable, PUR Connection Cable ■ Female M12, angled, 3-pin ■ With 2-color LED (PNP, yellow, green) ■ Cable length: 2.0 m ■ Sheath material: PUR ■ Sheath color: black ■ Qualified for drag chain use ■ Resistant to weld splatter ■ Resistant to chemicals, UV radiation and oils ■ Flame retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS conform ■ Protection class IP67	

WKC4T-2/TXL	–	Ident. no. 6625512
	Actuator and Sensor Cable, PUR Connection Cable ■ Female M12, angled, 3-pin ■ Cable length 2.0 m ■ Sheath material: PUR ■ Sheath color: black ■ Qualified for drag chain use ■ Resistant to weld splatter ■ Resistant to chemicals, UV radiation and oils ■ Flame retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS conform ■ Protection class IP67	
WKC5T-P7X3-2/TXL	–	Ident. no. 6626092
	Actuator and Sensor Cable, PUR Connection Cable ■ Female M12, angled, 4-pin + PE ■ With 3-color LED (PNP, yellow, yellow, green) ■ Cable length: 2.0 m ■ Sheath material: PUR ■ Sheath color: black ■ Qualified for drag chain use ■ Resistant to weld splatter ■ Resistant to chemicals, UV radiation and oils ■ Flame retardant ■ Free from halogen, silicone, PVC and LABS ■ Particularly resistant to abrasion ■ Approval: cULus ■ RoHS conform ■ Protection class IP67	
VAS22-S80E-2-RSC5.31T/TXL	–	Ident. no. 6606509
	Valve connector A type Extension Cable ■ 2-pin + PE ■ Design according to the DIN EN 175301-803 ■ RoHS-compliant ■ Protection class: IP65, IP67, IP68 ■ Protective component: Transil diode ■ Cable length 2.0 m ■ 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	

VBS02-S80E-2-RSC5.31T/TXL	–	Ident. no. 6606518
	Valve connector B type Extension Cable ■ 2-pin + PE ■ Design according to the DIN EN 175301-803 ■ RoHS-compliant ■ Protection class: IP65, IP67, IP68 ■ Protective component: Transil diode ■ Cable length 2.0 m ■ 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	
VC8S22-T80E-2-RSC5.31T/TXL	–	Ident. no. 6606535
	Valve connector, C Extension Cable ■ 2-pin + PE, bridged ■ Design according to the DIN EN 175301-803 ■ RoHS-compliant ■ Protection class: IP65, IP67, IP68 ■ Protective component: Z-Diode ■ Cable length 2.0 m ■ 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	
VAS22-S80E-5/TXL	–	Ident. no. 6606504
	Valve connector A type Connection Cable ■ 2-pin + PE ■ Design according to the DIN EN 175301-803 ■ RoHS-compliant ■ Protection class: IP65, IP67, IP68 ■ Protective component: Transil diode ■ Cable length 5.0 m ■ 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	

VBS02-S80E-5/TXL	–	Ident. no. 6606513
	Valve connector B type Connection Cable ■ 2-pin + PE ■ Design according to the DIN EN 175301-803 ■ RoHS-compliant ■ Protection class: IP65, IP67, IP68 ■ Protective component: Transil diode ■ Cable length 5.0 m ■ 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	
VAS22-A80E-5/TXL	–	Ident. no. 6606572
	Valve connector A type Connection Cable ■ 2-pin + PE, bridged ■ Design according to the DIN EN 175301-803 ■ RoHS-compliant ■ Protection class: IP65, IP67, IP68 ■ Without protective circuitry ■ Without LED ■ Cable length 5.0 m ■ 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	
VBS02-A80E-5/TXL	–	Ident. no. 6606817
	Valve connector B type Connection Cable ■ 2-pin + PE ■ Design according to the DIN EN 175301-803 ■ RoHS-compliant ■ Protection class: IP65, IP67, IP68 ■ Without protective circuitry ■ Without LED ■ Cable length: 5.0 m ■ 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	

VC8S02-A80E-5/TXL	–	Ident. no. 6606651
	Valve connector, C Connection Cable ■ 2-pin + PE ■ Design according to the DIN EN 175301-803 ■ RoHS-compliant ■ Protection class: IP65, IP67, IP68 ■ Without protective circuitry ■ Without LED ■ Cable length 5.0 m ■ 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	
	Valve Connector Design A ■ 2-pin + PE ■ Design according to the DIN EN 175301-803 ■ RoHS-compliant ■ Protection class: IP65, IP67, IP68 ■ Protective component: Transil diode ■ Cable length 2.0 m ■ 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	Ident. no. 6606614

Connectivity – Junction Boxes

VB2-FKM5-2FSM4.4

–

Ident. no. 6934914

2-port Junction Systems

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

- M12 female connector, 5-pin
- M12 male, 4-pin
- RoHS-compliant
- Protection class IP67

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DP000128 | 2018/10



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