

ENCODERS

THE STANDARD FOR YOUR APPLICATION

Incremental – push-pull with inversion

Solid shaft	Compact Ø 37 mm Shaft Ø 6 mm without flange	Cable connection U _B = 5...30 VDC	360 Imp. 500 Imp. 512 Imp. 1000 Imp. 1024 Imp.	Ri-08S65-2F360-C 1M Ri-08S65-2F500-C 1M Ri-08S65-2F512-C 1M Ri-08S65-2F1000-C 1M Ri-08S65-2F1024-C 1M
	Standard Ø 58 mm Shaft Ø 6 mm Clamping flange	M12 male U _B = 10...30 VDC	360 Imp. 2048 Imp. 2500 Imp. 4096 Imp. 5000 Imp.	Ri-10S6C-2B360-H1181 Ri-10S6C-2B2048-H1181 Ri-10S6C-2B2500-H1181 Ri-10S6C-2B4096-H1181 Ri-10S6C-2B5000-H1181
	Standard Ø 58 mm Shaft Ø 10 mm Clamping flange		360 Imp. 2048 Imp. 2500 Imp. 4096 Imp. 5000 Imp.	Ri-10S10C-2B360-H1181 Ri-10S10C-2B2048-H1181 Ri-10S10C-2B2500-H1181 Ri-10S10C-2B4096-H1181 Ri-10S10C-2B5000-H1181
	Standard Ø 58 mm Shaft Ø 6 mm Synchro flange		360 Imp. 2048 Imp. 2500 Imp. 4096 Imp. 5000 Imp.	Ri-10S6S-2B360-H1181 Ri-10S6S-2B2048-H1181 Ri-10S6S-2B2500-H1181 Ri-10S6S-2B4096-H1181 Ri-10S6S-2B5000-H1181
	Standard Ø 58 mm Shaft Ø 10 mm Synchro flange		360 Imp. 2048 Imp. 2500 Imp. 4096 Imp. 5000 Imp.	Ri-10S10S-2B360-H1181 Ri-10S10S-2B2048-H1181 Ri-10S10S-2B2500-H1181 Ri-10S10S-2B4096-H1181 Ri-10S10S-2B5000-H1181
Hollow shaft	Compact Ø 37 mm Shaft Ø 8 mm Stator coupling	Cable connection U _B = 5...30 VDC	360 Imp.	Ri-09H8E-2F360-C 1M
	Standard Ø 58 mm Shaft Ø 10 mm Torque stop	M12 male U _B = 10...30 VDC	360 Imp. 2048 Imp. 2500 Imp. 4096 Imp. 5000 Imp.	Ri-12H10T-2B360-H1181 Ri-12H10T-2B2048-H1181 Ri-12H10T-2B2500-H1181 Ri-12H10T-2B4096-H1181 Ri-12H10T-2B5000-H1181
	Standard Ø 58 mm Shaft Ø 15 mm Torque stop		360 Imp. 2048 Imp. 2500 Imp. 4096 Imp. 5000 Imp.	Ri-12H15T-2B360-H1181 Ri-12H15T-2B2048-H1181 Ri-12H15T-2B2500-H1181 Ri-12H15T-2B4096-H1181 Ri-12H15T-2B5000-H1181
Large hollow shaft	Large hollow shaft Ø 100 mm Shaft Ø 25 mm Spring element, long	M23 male U _B = 10...30 VDC	1024 Imp. 2048 Imp. 5000 Imp.	Ri-42H25S4-2B1024-12M23 Ri-42H25S4-2B2048-12M23 Ri-42H25S4-2B5000-12M23
	Large hollow shaft Ø 100 mm Shaft Ø 30 mm Spring element, long		1024 Imp. 2048 Imp. 5000 Imp.	Ri-42H30S4-2B1024-12M23 Ri-42H30S4-2B2048-12M23 Ri-42H30S4-2B5000-12M23

Multiturn absolute

Solid shaft	Compact Ø 36 mm Shaft Ø 8 mm Synchro flange	Cable connection U _B = 10...30 VDC	SSI, Gray 12/12 bit	RM-46S8S-3C24B-CT 1M
	Standard Ø 58 mm Shaft Ø 6 mm Clamping flange	M12 male U _B = 10...30 VDC	SSI, Gray 13/12 bit PROFIBUS, 16/12 bit	RM-28S6C-3C25B-H1181 RM-29S6C-9A28B-R3M12
	Standard Ø 58 mm Shaft Ø 10 mm Clamping flange		SSI, Gray 13/12 bit PROFIBUS, 16/12 bit	RM-28S10C-3C25B-H1181 RM-29S10C-9A28B-R3M12
	Standard Ø 58 mm Shaft Ø 6 mm Synchro flange		SSI, Gray 13/12 bit PROFIBUS, 16/12 bit	RM-28S6S-3C25B-H1181 RM-29S6S-9A28B-R3M12
Standard Ø 58 mm Shaft Ø 10 mm Synchro flange	SSI, Gray 13/12 bit PROFIBUS, 16/12 bit		RM-28S10S-3C25B-H1181 RM-29S10S-9A28B-R3M12	
Hollow shaft	Compact Ø 36 mm Shaft Ø 10 mm Stator coupling	Cable connection U _B = 10...30 VDC	SSI, Gray 12/12 bit	RM-50H10E-3C24B-CT 1M
	Standard Ø 58 mm Shaft Ø 12 mm Stator coupling	M12 male U _B = 10...30 VDC	SSI, Gray 13/12 bit PROFIBUS, 16/12 bit	RM-35H12E-3C25B-H1181 RM-36B12E-9A28B-R3M12

Singleturn absolute

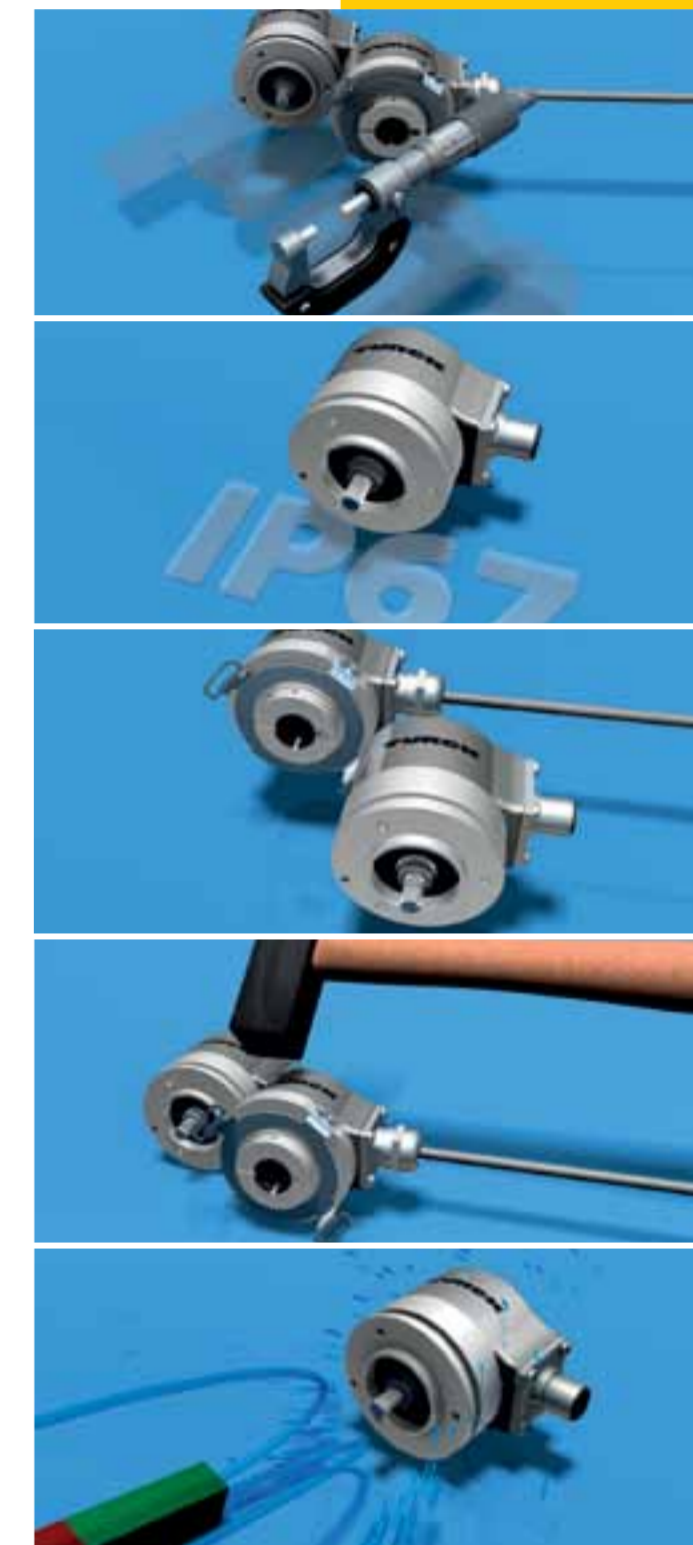
Solid shaft	Compact Ø 36 mm Shaft Ø 6 mm Synchro flange	Cable connection U _B = 15...30 VDC	Analog, U 0...10 V, 12 bit	RS-06S6S-8B12B-C 1M
	Compact Ø 58 mm Shaft Ø 6 mm Clamping flange	Cable connection U _B = 10...30 VDC	Analog, I 4...20 mA, 12 bit	RS-06S6S-7A12B-C 1M
		Cable connection U _B = 5...30 VDC	SSI, Binary 9 bit	RS-54S6S-5B9B-C 1M
	Compact Ø 58 mm Shaft Ø 10 mm Clamping flange	M12 male U _B = 10...30 VDC	SSI, Gray 13 bit PROFIBUS, 16 bit	RS-24S6C-3C13B-H1181 RS-25S6C-9A16B-R3M12
SSI, Gray 13 bit PROFIBUS, 16 bit				RS-24S10C-3C13B-H1181 RS-25S10C-9A16B-R3M12
			SSI, Gray 13 bit PROFIBUS, 16 bit	RS-24S6S-3C13B-H1181 RS-25S6S-9A16B-R3M12
SSI, Gray 13 bit PROFIBUS, 16 bit				RS-24S10S-3C13B-H1181 RS-25S10S-9A16B-R3M12
Hollow shaft	Compact Ø 36 mm Shaft Ø 6 mm Stator coupling	Cable connection U _B = 15...30 VDC	Analog, U 0...10 V, 12 bit	RS-07H6E-8B12B-C 1M
		Cable connection U _B = 10...30 VDC	Analog, I 4...20 mA, 12 bit	RS-07H6E-7A12B-C1M
		Cable connection U _B = 5...30 VDC	SSI, Binary 9 bit	RS-55H6E-5B9B-C 1M
Compact Ø 58 mm Shaft Ø 12 mm Stator coupling	M12 male U _B = 10...30 VDC	SSI, Gray 13 bit PROFIBUS, 16 bit	RS-31H12E-3C13B-H1181 RS-33B12E-9A16B-R3M12	

Draw-wire sensors

Analog current output 4...20 mA 2-wire U _B = 12...30 VDC M12 male	250 mm	DW250-70-7E-H1141
	500 mm	DW500-70-7E-H1141
Potentiometer output 1 kΩ U _B max. 30 VDC M12 male	1000 mm	DW1000-110-7E-H1141
	2000 mm	DW2000-110-7E-H1141
	3000 mm	DW3000-110-7E-H1141
	6000 mm	DW6000-155-7E-H1141
	10000 mm	DW10000-135-7E-H1141
	15000 mm	DW15000-135-7E-H1141
	20000 mm	DW20000-135-7E-H1141
	30000 mm	DW30000-135-7E-H1141
	40000 mm	DW40000-135-7E-H1141
	250 mm	DW250-70-PA-H1141
	500 mm	DW500-70-PA-H1141
	1000 mm	DW1000-110-PA-H1141
	2000 mm	DW2000-110-PA-H1141
	3000 mm	DW3000-110-PA-H1141
	6000 mm	DW6000-155-PA-H1141
	10000 mm	DW10000-135-PA-H1141
15000 mm	DW15000-135-PA-H1141	
20000 mm	DW20000-135-PA-H1141	
30000 mm	DW30000-135-PA-H1141	
40000 mm	DW40000-135-PA-H1141	

Short delivery terms

We deliver up to 5 encoders within 10 days from the standard product portfolio listed here, provided they are available on stock.



www.turck.com



To get all product information, just scan the QR code with a smartphone or webcam.

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