

Technical data

Housing material	Die-cast zinc
Electrical connection	Connector, M12 × 1
	M12, 5-pin
Axial shaft load	40 N
Radial shaft load	80 N
Environmental conditions	
Ambient temperature	-20...+70 °C
Vibration resistance (EN 60068-2-6)	30 g (300 m/s²), 10...2000 Hz
Shock resistance (EN 60068-2-27)	500 g (2500 m/s²), 4 ms
Protection class	IP64
Protection class shaft	IP64

Mounting instructions

Mounting instructions/Description	CANbus connection The CANopen encoders are equipped with an M12 connector and can be terminated in the device. The devices are not equipped with an integrated T-coupler and looped-through bus and should therefore be used only as end devices (see also Accessories).
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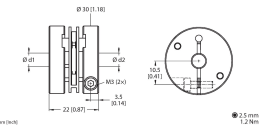
Accessories

RA-BC-20-06-10	100048779	Bellows coupling with aluminum hub Ø 20 mm; d1 = 6 mm, d2 = 10 mm
RA-BC-20-08-10	100048781	Bellows coupling with aluminum hub Ø 20 mm; d1 = 8 mm, d2 = 10 mm
RA-BC-20-10-10	100048782	Bellows coupling with aluminum hub Ø 20 mm; d1 = 10 mm, d2 = 10 mm
RA-BC-20-10-12	100048783	Bellows coupling with aluminum hub Ø 20 mm; d1 = 10 mm, d2 = 12 mm
RA-BC-E-20-06-10	100048786	Stainless steel bellows coupling Ø 20 mm; d1 = 6 mm, d2 = 10 mm
RA-BC-E-20-10-10	100048787	Stainless steel bellows coupling Ø 20 mm; d1 = 10 mm, d2 = 10 mm
RA-BC-E-20-10-12	100048788	Stainless steel bellows coupling Ø 20 mm; d1 = 10 mm, d2 = 12 mm
RA-SDC-30-10-10	100048792	Spring disc coupling Ø 30 mm; d1 = 10 mm, d2 = 10 mm

RA-SDC-30-10-12

100048793

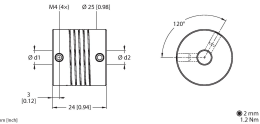
Spring disc coupling Ø 30 mm; d1 = 10 mm, d2 = 12 mm



RA-HC-25-10-12

100048797

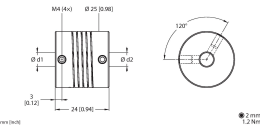
Aluminum helix coupling Ø 25 mm; d1 = 10 mm, d2 = 12 mm



RA-HC-25-10-10

100048796

Aluminum helix coupling Ø 25 mm; d1 = 10 mm, d2 = 10 mm



Accessories

Dimension drawing	Type	ID	
	FSM-2FKM57	6622101	CANopen/DeviceNet/power supply T-splitter, 1 × M12 male connector, 2 × M12 female connector, 5-pin
	RKC5701-5M	6931034	Bus cable for CAN (DeviceNet, -CANopen), M12 female connector, straight, cable length: 5 m, jacket material: PUR, anthracite; cULus approval