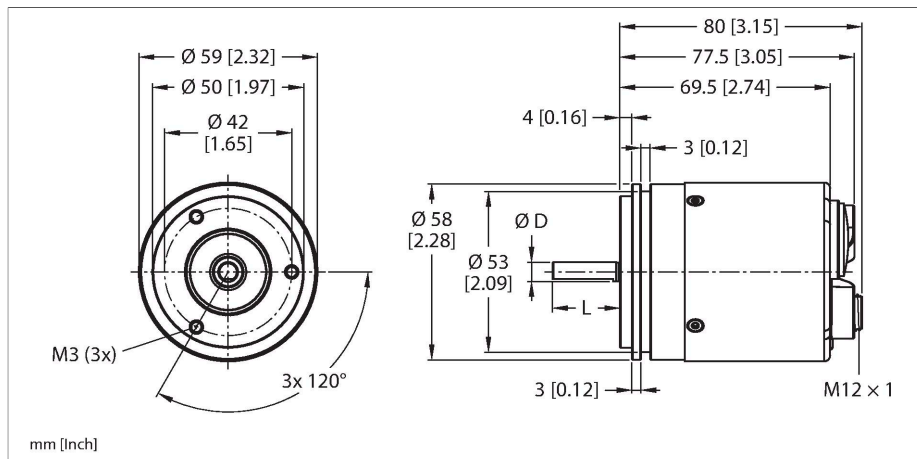


RES-107S10S-9E19B-B3M12

Absolute encoder - Singleturn

Industrial-Line



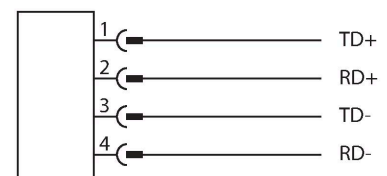
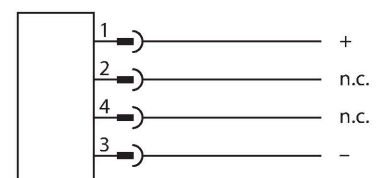
Technische gegevens

Type	RES-107S10S-9E19B-B3M12
Identnr.	100046566
Meetprincipe	optisch
Algemene gegevens	
Max. rotatiesnelheid	6000 tpm
Traagheidsmoment van de rotor	$3 \times 10^{-6} \text{ kgm}^2$
Meetbereik	0...360 °
Uitgangstype	Absoluut-singleturn
Resolutie Singleturn	19 Bit
	Singleturn schaalbaar
Elektrische gegevens	
Bedrijfsspanning U_s	10...30 VDC
Eigen stroomopname	$\leq 250 \text{ mA}$
Beveiliging tegen kabelbreuk/omgekeerde polariteit	Ja
Communicatieprotocol	PROFINET
Mechanische gegevens	
Flenstype	synchroflens
Flensdiameter	Ø 58 mm
Astype	Massieve as
Asdiameter D (mm)	10
Golflengte L [mm]	20
Asmateriaal	niet roestend staal
Materiaal behuizing	aluminium
Elektrische aansluiting	Connector, 3 x M12
Axiale asbelastbaarheid	40 N

Kenmerken

- Klemflens, Ø 58 mm
- Massieve as, Ø 10 mm x 20 mm
- Optisch meetprincipe
- Asmateriaal: Roestvast staal
- Beschermingsklasse behuizing IP67
- -40 ... +80 °C
- Max. 6000 omw/min
- 10 - 30 VDC
- Profinet IO, RT en IRT tot max. 250 µs
- Encoderprofiel versie 4.2
- Media Redundancy Protocol (MRP)
- Link Layer Discovery Protocol (LLDP)
- Simple Network Management Protocol (SNMP)
- Fast Startup (FSU)
- Connector M12 x 3, 4-polig
- Singleturn-resolutie schaalbaar tot 19 bits, standaard 13 bits

Aansluitschema



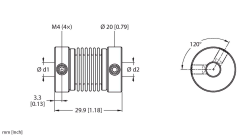
Technische gegevens

Radiale asbelastbaarheid	80 N
Omgevingsomstandigheden	
Omgevingstemperatuur	-40...+80 °C
Trilbestendigheid (EN 60068-2-6)	10 g (100 m/s²), 55...2000 Hz
Schokbestendigheid (EN 60068-2-27)	250 g (2500 m/s²), 6 ms
Beschermingsgraad	IP67
Protection class shaft	IP67
MTTF	19 Jaren

Toebehoren

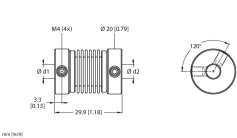
RA-BC-20-06-10 100048779

Balgkoppeling met aluminium naaf
Ø 20 mm; d1 = 6 mm, d2 = 10 mm



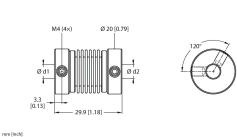
RA-BC-20-10-10 100048782

Balgkoppeling met aluminium naaf
Ø 20 mm; d1 = 10 mm, d2 = 10 mm



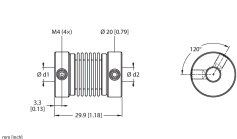
RA-BC-E-20-06-10 100048786

Roestvaststalen balgkoppeling
Ø 20 mm; d1 = 6 mm, d2 = 10 mm



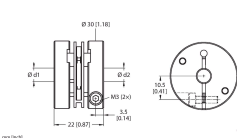
RA-BC-E-20-10-12 100048788

Roestvaststalen balgkoppeling
Ø 20 mm; d1 = 10 mm, d2 = 12 mm



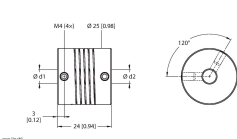
RA-SDC-30-10-12 100048793

Borringkoppeling Ø 30 mm, d1 = 10 mm, d2 = 12 mm



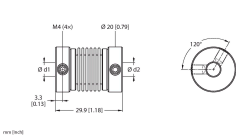
RA-HC-25-10-12 100048797

Aluminium spiraalkoppeling Ø 25 mm;
d1 = 10 mm, d2 = 12 mm



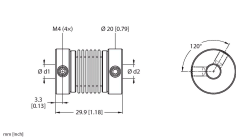
RA-BC-20-08-10 100048781

Balgkoppeling met aluminium naaf
Ø 20 mm; d1 = 8 mm, d2 = 10 mm



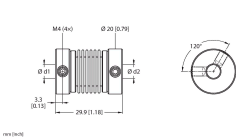
RA-BC-20-10-12 100048783

Balgkoppeling met aluminium naaf
Ø 20 mm; d1 = 10 mm, d2 = 12 mm



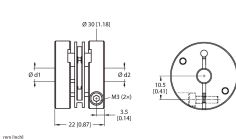
RA-BC-E-20-10-10 100048787

Roestvaststalen balgkoppeling
Ø 20 mm; d1 = 10 mm, d2 = 10 mm



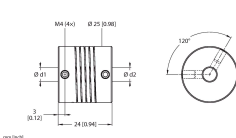
RA-SDC-30-10-10 100048792

Borringkoppeling Ø 30 mm, d1 = 10 mm, d2 = 10 mm

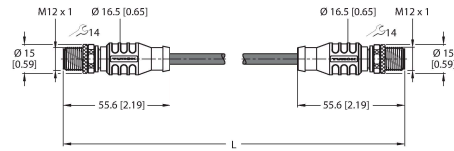
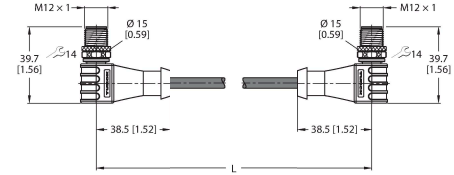
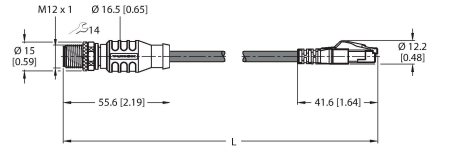
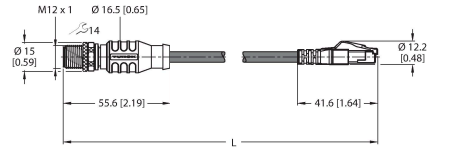
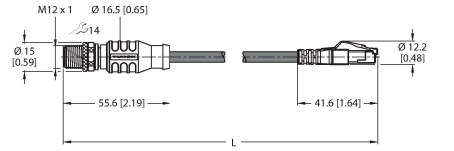
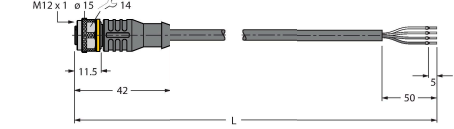
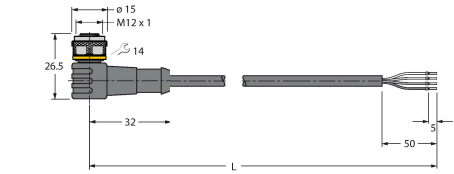


RA-HC-25-10-10 100048796

Aluminium spiraalkoppeling Ø 25 mm;
d1 = 10 mm, d2 = 10 mm



Toebehoren

Afmetingen	Type	Identnr.	
	RSSD-RSSD-4422-2M	6635150	Kabel voor Industrial Ethernet, M12-connector, D-gecodeerd, recht, naar M12-connector, D-gecodeerd, recht, kabellengte: 2 m, mantelmateriaal: PUR, groen
	WSSD-WSSD-4422-2M	6635188	Kabel voor Industrial Ethernet, M12-connector, D-gecodeerd, haaks, naar M12-connector, D-gecodeerd, haaks, kabellengte: 2 m, mantelmateriaal: PUR, groen
	RSSD-RJ45S-4422-2M	6635170	Kabel voor Industrial Ethernet, M12-connector, D-gecodeerd, recht, naar RJ45-connector, recht, kabellengte: 2 m, mantelmateriaal: PUR, groen
	RSSD-RJ45S-4422-7M	6635579	Kabel voor Industrial Ethernet, M12-connector, D-gecodeerd, recht, naar RJ45-connector, recht, kabellengte: 2 m, mantelmateriaal: PUR, groen
	RSSD-RJ45S-4422-8M	6635538	Kabel voor Industrial Ethernet, M12-connector, D-gecodeerd, recht, naar RJ45-connector, recht, kabellengte: 2 m, mantelmateriaal: PUR, groen
	RKC4.4T-2/TXL	6625503	Aansluitkabel, M12-contraconnector, recht, 4-polig, kabellengte: 2 m, mantelmateriaal: PUR, zwart; cULus-goedkeuring
	WKC4.4T-2/TXL	6625515	Aansluitkabel, M12-contraconnector, haaks, 4-polig, kabellengte: 2 m, mantelmateriaal: PUR, zwart; cULus-goedkeuring