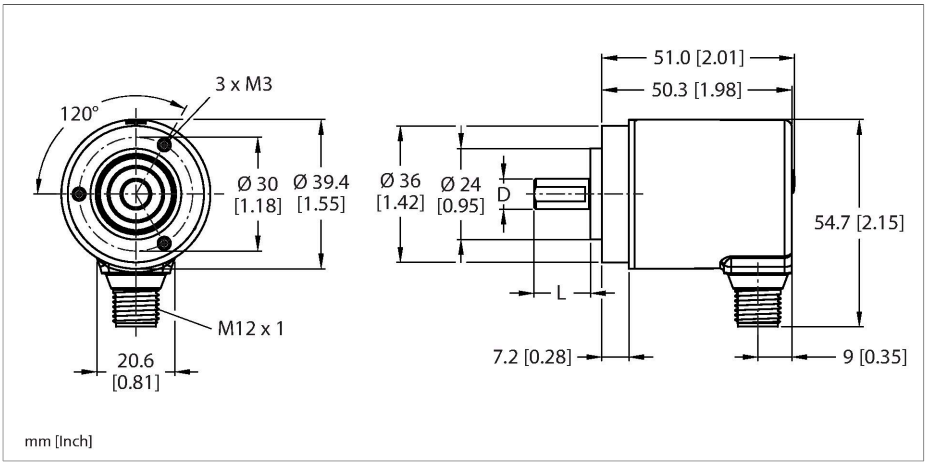
RES-184S10C-9D14B-H1151
Absolute encoder - Singleturn
Industrial-Line



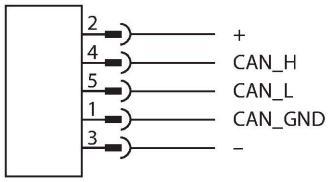
Technische gegevens

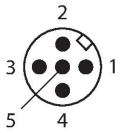
Type	RES-184S10C-9D14B-H1151
Identnr.	100046544
Meetprincipe	magnetisch
Algemene gegevens	
Max. rotatiesnelheid	4000 tpm
Aanzetmoment	< 0.01 Nm
Meetbereik	0…360 °
Absolute nauwkeurigheid	± 1 ° Bij 25 °C
Uitgangstype	Absoluut-singleturn
Resolutie Singleturn	14 Bit
Elektrische gegevens	
Bedrijfsspanning U_B	10…30 VDC
Eigen stroomopname	≤ 90 mA
Kortsluitbeveiliging	Ja
Beveiliging tegen kabelbreuk/omgekeerde polariteit	Ja
Communicatieprotocol	CANopen
Interface	CAN-High-Speed conform ISO 11898, basis- en Full-CAN, CAN-specificatie 2.0 B
Node ID	1…127 mit Software konfigurierbar;Werkseinstellung: 63
Baudrate	10…1000 kBit/s, met software configureerbaar, fabrieksinstelling 125 kBit/s
Mechanische gegevens	
Flenstype	klemflens
Flensdiameter	Ø 36 mm
Astype	Massieve as

Kenmerken

- Klemflens, Ø 36 mm
- Massieve as, Ø 10 mm × 20 mm
- Magnetisch meetprincipe
- Asmateriaal: roestvast staal
- Beschermingsklasse IP67 huis- en aszijde
- -40…+85 °C
- max. 4000 omw/min (continue werking: 2000 omw/min)
- 10…30 V DC
- CANopen
- Connector, M12 × 1, 5-polig
- 360° verdeeld in 14 Bit (16384 posities)

Aansluitschema



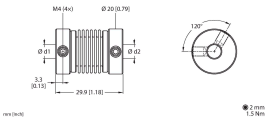


Technische gegevens

Asdiameter D (mm)	10
Golflengte L [mm]	20
Asmateriaal	niet roestend staal
Materiaal behuizing	spuitgegoten zink
Elektrische aansluiting	Connector, M12 × 1
Axiale asbelastbaarheid	20 N
Radiale asbelastbaarheid	40 N
Omgevingsomstandigheden	
Omgevingstemperatuur	-40…+85 °C
Trilbestendigheid (EN 60068-2-6)	300 m/s², 10…2000 Hz
Schokbestendigheid (EN 60068-2-27)	2500 m/s², 6 ms
Beschermingsgraad	IP67
Protection class shaft	IP67

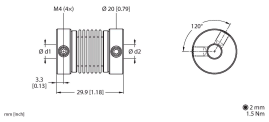
Toebehoren

RA-BC-20-06-10 100048779



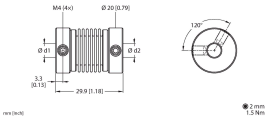
Balgkoppeling met aluminium naaf
Ø 20 mm; d1 = 6 mm, d2 = 10 mm

RA-BC-20-08-10 100048781



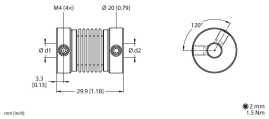
Balgkoppeling met aluminium naaf
Ø 20 mm; d1 = 8 mm, d2 = 10 mm

RA-BC-20-10-10 100048782



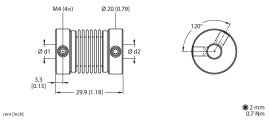
Balgkoppeling met aluminium naaf
Ø 20 mm; d1 = 10 mm, d2 = 10 mm

RA-BC-20-10-12 100048783



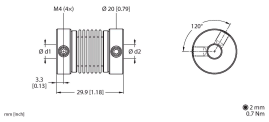
Balgkoppeling met aluminium naaf
Ø 20 mm; d1 = 10 mm, d2 = 12 mm

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



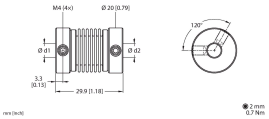
Roestvaststalen balgkoppeling
Ø 20 mm; d1 = 6 mm, d2 = 10 mm

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



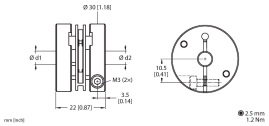
Roestvaststalen balgkoppeling
Ø 20 mm; d1 = 10 mm, d2 = 10 mm

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



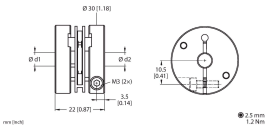
Roestvaststalen balgkoppeling
Ø 20 mm; d1 = 10 mm, d2 = 12 mm

RA-SDC-30-10-10 100048792



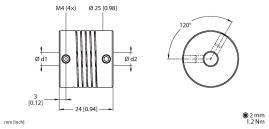
Borgringkoppeling Ø 30 mm, d1 = 10 mm, d2 = 10 mm

RA-SDC-30-10-12 100048793



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

RA-HC-25-10-10 100048796



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

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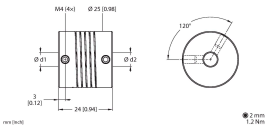
RA-HC-25-10-12	100048797



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

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