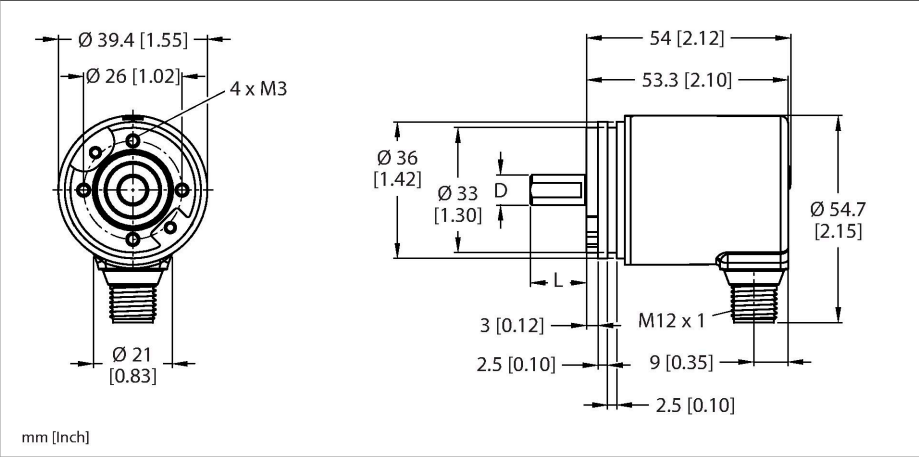


RES-184S6S-9D14B-H1151  
Absolute encoder - Singleturn  
Industrial-Line



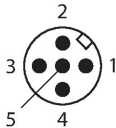
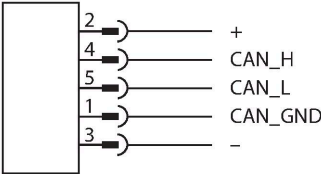
Technische gegevens

|                                                    |                                                                                |
|----------------------------------------------------|--------------------------------------------------------------------------------|
| Type                                               | RES-184S6S-9D14B-H1151                                                         |
| Identnr.                                           | 100016326                                                                      |
| 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 <sub>s</sub>                    | 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, fabriekseinstelling 125 kBit/s |
| Mechanische gegevens                               |                                                                                |
| Flensstype                                         | synchroflens                                                                   |
| Flensdiameter                                      | Ø 36 mm                                                                        |
| Astype                                             | Massieve as                                                                    |

Kenmerken

- Synchroflens, Ø 36 mm
- Massieve as, Ø 6 mm × 12,5 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

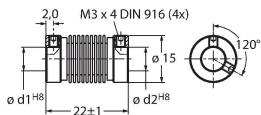
|                                    |                        |
|------------------------------------|------------------------|
| Asdiameter D (mm)                  | 6                      |
| Golflengte L [mm]                  | 12.5                   |
|                                    | As met flens           |
| Asmateriaal                        | niet roestend staal    |
| Materiaal behuizing                | sputgegoten 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

RCS-15-06-06

1545362

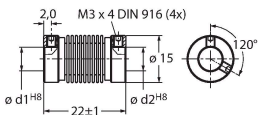
Balgkoppeling, buitendiameter: 15 mm, boringdiameter: 6 mm/6 mm



RCS-15-08-06

1545361

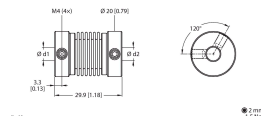
Balgkoppeling, buitendiameter: 15 mm, boringdiameter: 8 mm/6 mm



RA-BC-20-06-06

100048777

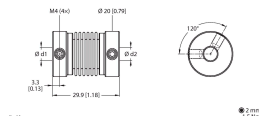
Balgkoppeling met aluminium naaf  
Ø 20 mm; d1 = 6 mm, d2 = 6 mm



RA-BC-20-06-08

100048778

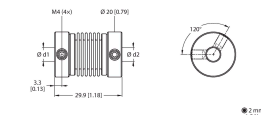
Balgkoppeling met aluminium naaf  
Ø 20 mm; d1 = 6 mm, d2 = 8 mm



RA-BC-20-06-10

100048779

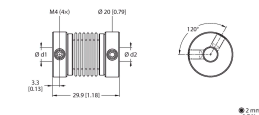
Balgkoppeling met aluminium naaf  
Ø 20 mm; d1 = 6 mm, d2 = 10 mm



RA-BC-E-20-06-06

100048785

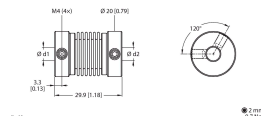
Roestvaststalen balgkoppeling  
Ø 20 mm; d1 = 6 mm, d2 = 6 mm



RA-BC-E-20-06-10

100048786

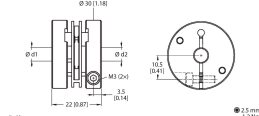
Roestvaststalen balgkoppeling  
Ø 20 mm; d1 = 6 mm, d2 = 10 mm



RA-SDC-30-06-10

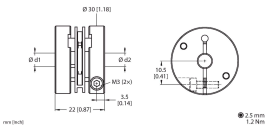
100048791

Borgringkoppeling Ø 30 mm, d1 = 6 mm, d2 = 10 mm



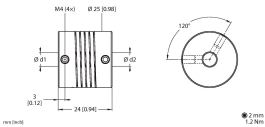
RA-SDC-30-06-06 100048790

Borgringkoppeling Ø 30 mm, d1 = 6 mm, d2 = 6 mm



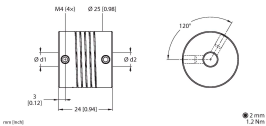
RA-HC-25-06-06 100048794

Aluminium spiraalkoppeling Ø 25 mm; d1 = 6 mm, d2 = 6 mm

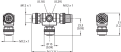


RA-HC-25-06-10 100048795

Aluminium spiraalkoppeling Ø 25 mm; d1 = 6 mm, d2 = 10 mm



Toebehoren

| Afmetingen                                                                        | Type       | Identnr. |                                                                                          |
|-----------------------------------------------------------------------------------|------------|----------|------------------------------------------------------------------------------------------|
|  | FSM-2FKM57 | 6622101  | CANopen/DeviceNet/T-splitter voor voeding, 1 × M12-connector, 2 × M12-connector, 5-polig |