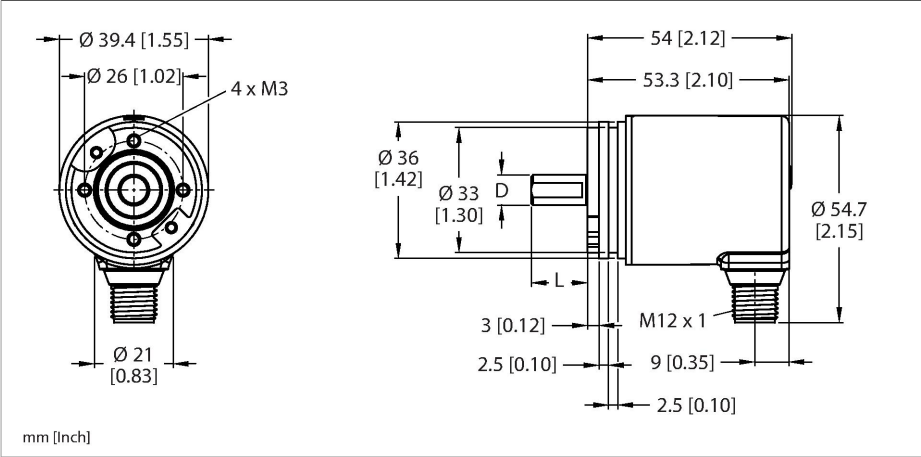


RES-184S10S-9F14B-H1151  
Absolute encoder - Singleturn  
Industrial-Line



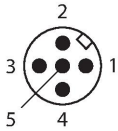
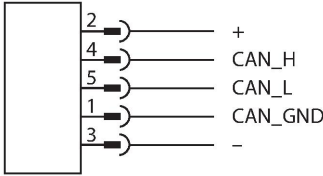
Technische gegevens

|                                                    |                         |
|----------------------------------------------------|-------------------------|
| Type                                               | RES-184S10S-9F14B-H1151 |
| Identnr.                                           | 100026159               |
| Meetprincipe                                       | magnetisch              |
| Algemene gegevens                                  |                         |
| Max. rotatiesnelheid                               | 4000 tpm                |
| Aanzetmoment                                       | < 0.01 Nm               |
| Meetbereik                                         | 0...360 °               |
| Absolute nauwkeurigheid                            | ± 0.015 ° Bij 25 °C     |
| Uitgangstype                                       | Absoluut-singleturn     |
| Resolutie Singleturn                               | 14 Bit                  |
| Elektrische gegevens                               |                         |
| Bedrijfsspanning U <sub>s</sub>                    | 10...30 VDC             |
| Eigen stroomopname                                 | ≤ 80 mA                 |
| Kortsluitbeveiliging                               | Ja                      |
| Beveiliging tegen kabelbreuk/omgekeerde polariteit | Ja                      |
| Communicatieprotocol                               | SAE J1939               |
| Interface                                          | SAE J1939               |
| Mechanische gegevens                               |                         |
| Flenstype                                          | synchroflens            |
| Flensdiameter                                      | Ø 36 mm                 |
| Astype                                             | Massieve as             |
| Asdiameter D (mm)                                  | 10                      |
| Golflengte L [mm]                                  | 20                      |
|                                                    | As met flens            |
| Asmateriaal                                        | niet roestend staal     |

Kenmerken

- Synchroflens, 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 VDC
- SAE J1939
- Connector, M12 × 1, 5-polig
- 360° verdeeld in 14 Bit (16384 posities)

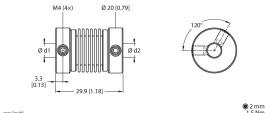
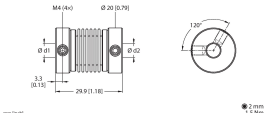
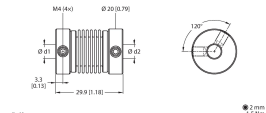
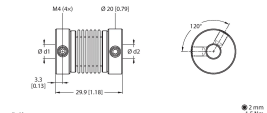
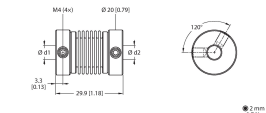
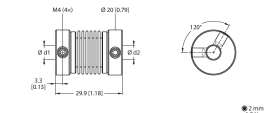
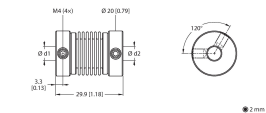
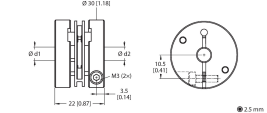
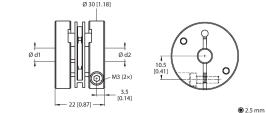
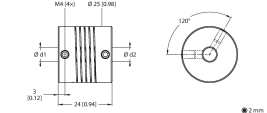
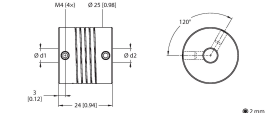
Aansluitschema



## Technische gegevens

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Materiaal behuizing                | sputtergegoten 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/s <sup>2</sup> , 10...2000 Hz |
| Schokbestendigheid (EN 60068-2-27) | 2500 m/s <sup>2</sup> , 6 ms        |
| Beschermingsgraad                  | IP67                                |
| Protection class shaft             | IP67                                |

## Toebehoren

|                                                                                                                 |                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>RA-BC-20-06-10</b><br>     | <b>100048779</b><br><b>Balgkoppeling met aluminium naaf</b><br><b>Ø 20 mm; d1 = 6 mm, d2 = 10 mm</b>  |
| <b>RA-BC-20-08-10</b><br>    | <b>100048781</b><br><b>Balgkoppeling met aluminium naaf</b><br><b>Ø 20 mm; d1 = 8 mm, d2 = 10 mm</b>  |
| <b>RA-BC-20-10-10</b><br>    | <b>100048782</b><br><b>Balgkoppeling met aluminium naaf</b><br><b>Ø 20 mm; d1 = 10 mm, d2 = 10 mm</b> |
| <b>RA-BC-20-10-12</b><br>   | <b>100048783</b><br><b>Balgkoppeling met aluminium naaf</b><br><b>Ø 20 mm; d1 = 10 mm, d2 = 12 mm</b> |
| <b>RA-BC-E-20-06-10</b><br>  | <b>100048786</b><br><b>Roestvaststalen balgkoppeling</b><br><b>Ø 20 mm; d1 = 6 mm, d2 = 10 mm</b>     |
| <b>RA-BC-E-20-10-10</b><br> | <b>100048787</b><br><b>Roestvaststalen balgkoppeling</b><br><b>Ø 20 mm; d1 = 10 mm, d2 = 10 mm</b>    |
| <b>RA-BC-E-20-10-12</b><br>  | <b>100048788</b><br><b>Roestvaststalen balgkoppeling</b><br><b>Ø 20 mm; d1 = 10 mm, d2 = 12 mm</b>    |
| <b>RA-SDC-30-10-10</b><br>  | <b>100048792</b><br><b>Borgringkoppeling Ø 30 mm, d1 = 10 mm, d2 = 10 mm</b>                          |
| <b>RA-SDC-30-10-12</b><br>   | <b>100048793</b><br><b>Borgringkoppeling Ø 30 mm, d1 = 10 mm, d2 = 12 mm</b>                          |
| <b>RA-HC-25-10-10</b><br>   | <b>100048796</b><br><b>Aluminium spiraalkoppeling Ø 25 mm; d1 = 10 mm, d2 = 10 mm</b>                 |
| <b>RA-HC-25-10-12</b><br>    | <b>100048797</b><br><b>Aluminium spiraalkoppeling Ø 25 mm; d1 = 10 mm, d2 = 12 mm</b>                 |

Toebehoren

| Afmetingen | Type       | Identnr. |                                                                                                                                           |
|------------|------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------|
|            | RKC5701-5M | 6931034  | Buskabel voor CAN (DeviceNet, -CANopen), M12-contraconnector, recht, kabellengte: 5 m, mantelmateriaal: PUR, antraciet; cULus-goedkeuring |

