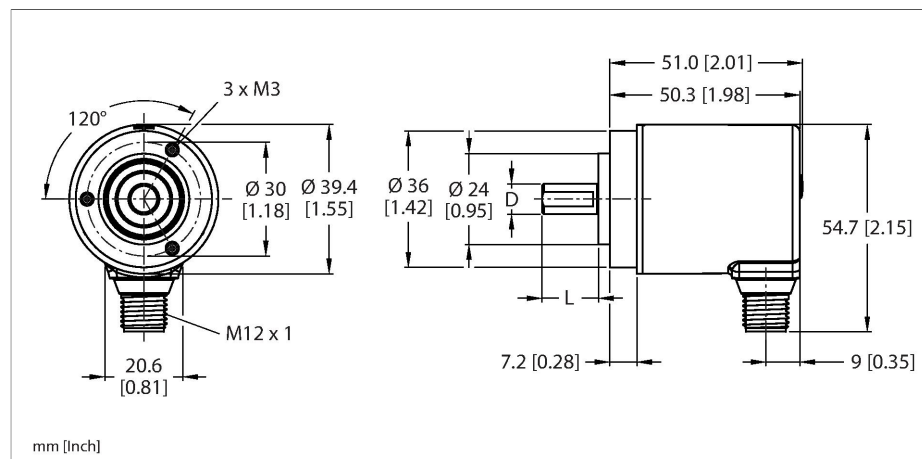


# RES-192S10C-IOL14B-H1141

## Absolute encoder - Singleturn – IO-link

### Industrial-Line



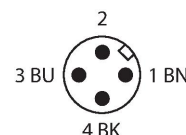
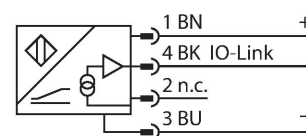
#### Technische gegevens

|                                                    |                          |
|----------------------------------------------------|--------------------------|
| Type                                               | RES-192S10C-IOL14B-H1141 |
| Identnr.                                           | 100020143                |
| Meetprincipe                                       | magnetisch               |
| Algemene gegevens                                  |                          |
| Max. rotatiesnelheid                               | 4000 tpm                 |
| Aanzetmoment                                       | < 0.01 Nm                |
| Meetbereik                                         | 0...360 °                |
| Herhalingsnauwkeurigheid                           | ± 0.2 ° Bij 25 °C        |
| Absolute nauwkeurigheid                            | ± 1 ° Bij 25 °C          |
| Uitgangstype                                       | Absoluut-singleturn      |
| Resolutie Singleturn                               | 14 Bit                   |
| Elektrische gegevens                               |                          |
| Bedrijfsspanning U <sub>e</sub>                    | 18...30 VDC              |
| Eigen stroomopname                                 | ≤ 30 mA                  |
| Kortsluitbeveiliging                               | Ja                       |
| Beveiliging tegen kabelbreuk/omgekeerde polariteit | Ja                       |
| Communicatieprotocol                               | IO-Link                  |
| IO-Link specificatie                               | V 1.1                    |
| Parametrering                                      | FDT/DTM                  |
| Mechanische gegevens                               |                          |
| Flenstype                                          | klemflens                |
| Flensdiameter                                      | Ø 36 mm                  |
| Astype                                             | Massieve as              |
| Asdiameter D (mm)                                  | 10                       |
| Golfte L [mm]                                      | 20                       |

#### 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)
- 18...30 VDC
- Connector, M12×1, 8-polig
- 360° verdeeld in 14 Bit (16384 posities)

#### Aansluitschema



## Technische gegevens

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Asmateriaal                        | niet roestend staal                 |
| Materiaal behuizing                | sputgegoten zink                    |
| Elektrische aansluiting            | Connector, M12 × 1                  |
| Axiale asbelastbaarheid            | 20 N                                |
| Radiale asbelastbaarheid           | 40 N                                |
| <b>Omgevingsomstandigheden</b>     |                                     |
| 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><br><small>rev 16/05</small>   | <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><br><small>rev 16/05</small>   | <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><br><small>rev 16/05</small>   | <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><br><small>rev 16/05</small>   | <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><br><small>rev 16/05</small> | <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><br><small>rev 16/05</small> | <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><br><small>rev 16/05</small> | <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><br><small>rev 16/05</small>  | <b>100048792</b><br><b>Borgringkoppeling Ø 30 mm, d1 = 10 mm, d2 = 10 mm</b>                          |
| <b>RA-SDC-30-10-12</b><br><br><small>rev 16/05</small>  | <b>100048793</b><br><b>Borgringkoppeling Ø 30 mm, d1 = 10 mm, d2 = 12 mm</b>                          | <b>RA-HC-25-10-10</b><br><br><small>rev 16/05</small>   | <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><br><small>rev 16/05</small>   | <b>100048797</b><br><b>Aluminium spiraalkoppeling Ø 25 mm; d1 = 10 mm, d2 = 12 mm</b>                 |                                                         |                                                                                                       |