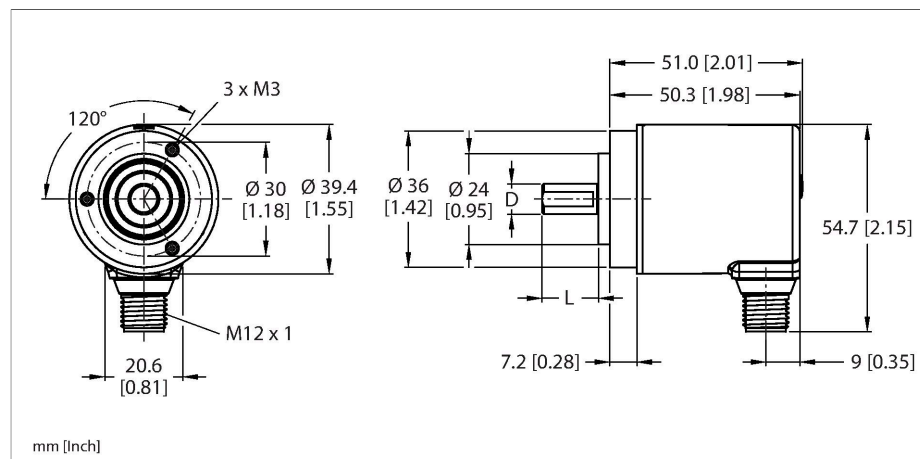


# REM-97S6C-7AAL-H1151

## Absolute encoder - Multiturn

### Industrial-Line



#### Technische gegevens

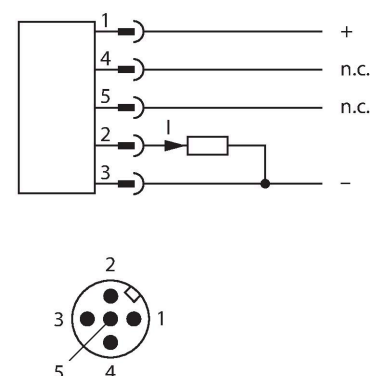
|                                                    |                      |
|----------------------------------------------------|----------------------|
| Type                                               | REM-97S6C-7AAL-H1151 |
| Identnr.                                           | 100011303            |
| Meetprincipe                                       | magnetisch           |
| <b>Algemene gegevens</b>                           |                      |
| Max. rotatiesnelheid                               | 4000 tpm             |
| Aanzetmoment                                       | < 0.01 Nm            |
| Absolute nauwkeurigheid                            | ± 1 ° Bij 25 °C      |
| Uitgangstype                                       | Absoluut-multiturn   |
| <b>Elektrische gegevens</b>                        |                      |
| Bedrijfsspanning U <sub>s</sub>                    | 10...30 VDC          |
| Eigen stroomopname                                 | ≤ 38 mA              |
| Kortsluitbeveiliging                               | Ja                   |
| Beveiliging tegen kabelbreuk/omgekeerde polariteit | Ja                   |
| Uitgangsfunctie                                    | Analoge uitgang      |
| Stroomuitgang                                      | 4...20 mA            |
| <b>Mechanische gegevens</b>                        |                      |
| Flenstype                                          | klemflens            |
| Flensdiameter                                      | Ø 36 mm              |
| Astype                                             | Massieve as          |
| Asdiameter D (mm)                                  | 6                    |
| Golflengte L [mm]                                  | 12.5                 |
| Asmateriaal                                        | niet roestend staal  |
| Materiaal behuizing                                | sputgegoten zink     |
| Elektrische aansluiting                            | Connector, M12 × 1   |
| Axiale asbelastbaarheid                            | 20 N                 |



#### Kenmerken

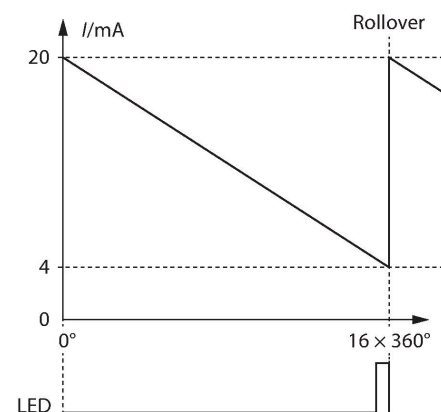
- Klemflens, Ø 36 mm
- Massieve as, Ø 6 mm × 12,5 mm
- Magnetisch meetprincipe
- Asmateriaal: roestvast staal
- Beschermingsklasse IP67 huis- en aszijde
- -40...+85 °C
- max. 4000 omw/min (continue werking: 2000 omw/min)
- Energy Harvesting-technologie
- 10...30 V DC
- Analoge uitgang, 4...20 mA op 16 omwentelingen linksom
- 12 bit resolutie
- Connector, M12 × 1, 5-polig

#### Aansluitschema



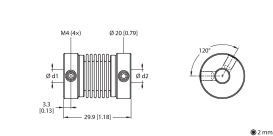
## Technische gegevens

|                                    |                                     |
|------------------------------------|-------------------------------------|
| 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                                |



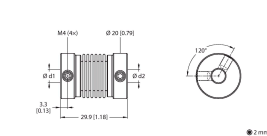
## Toebehoren

### RA-BC-20-06-06 100048777



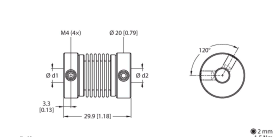
Balgkoppeling met aluminium naaf  
Ø 20 mm; d1 = 6 mm, d2 = 6 mm

### RA-BC-20-06-08 100048778



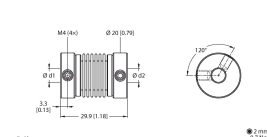
Balgkoppeling met aluminium naaf  
Ø 20 mm; d1 = 6 mm, d2 = 8 mm

### RA-BC-20-06-10 100048779



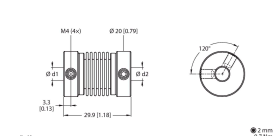
Balgkoppeling met aluminium naaf  
Ø 20 mm; d1 = 6 mm, d2 = 10 mm

### RA-BC-E-20-06-06 100048785



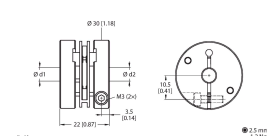
Roestvaststalen balgkoppeling  
Ø 20 mm; d1 = 6 mm, d2 = 6 mm

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



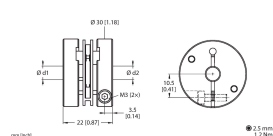
Roestvaststalen balgkoppeling  
Ø 20 mm; d1 = 6 mm, d2 = 10 mm

### RA-SDC-30-06-10 100048791



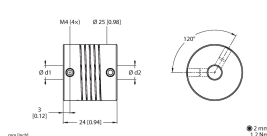
Borgringkoppeling Ø 30 mm, d1 =  
6 mm, d2 = 10 mm

### RA-SDC-30-06-06 100048790



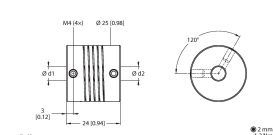
Borgringkoppeling Ø 30 mm, d1 =  
6 mm, d2 = 6 mm

### 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. |                                                                                                                      |
|------------|---------------|----------|----------------------------------------------------------------------------------------------------------------------|
|            | RKC4.5T-2/TEL | 6625016  | Aansluitkabel, M12-contraconnector, recht, 5-polig, kabellengte: 2 m, mantelmateriaal: Pvc, zwart; cULus-goedkeuring |

