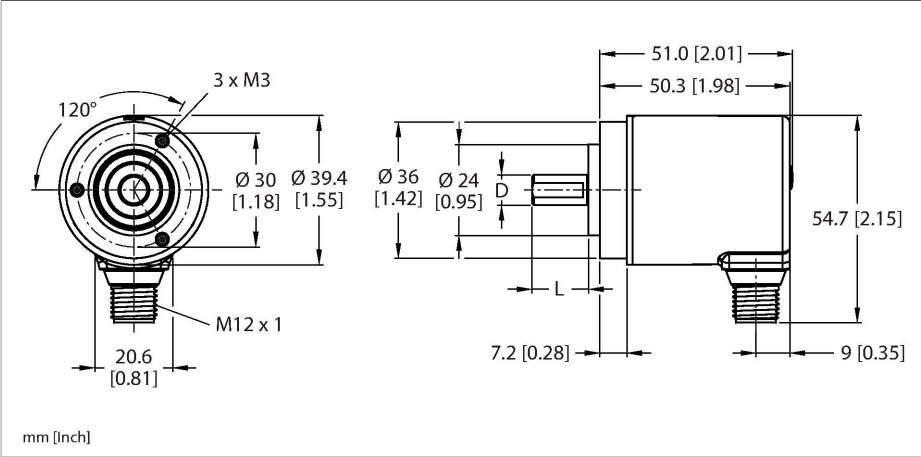


RES-182S6C-3C13B-H1181
Absoluter Drehgeber - Singleturn
Industrial-Line



Technische Daten

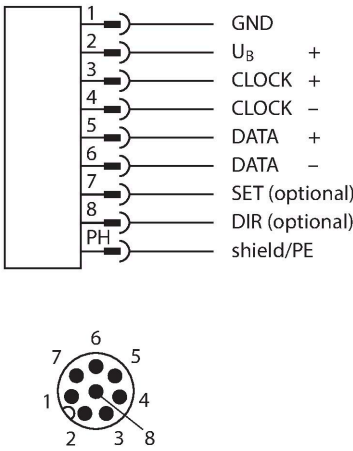
Typ	RES-182S6C-3C13B-H1181
Ident-No.	100016337
Messprinzip	Magnetisch
Allgemeine Daten	
max. Drehzahl	4000 U/min
Anlaufdrehmoment	< 0.01 Nm
Messbereich	0...360 °
Absolute Genauigkeit	± 1 ° bei 25 °C
Ausgangsart	Absolut-Singleturn
Auflösung Singleturn	13 Bit
Elektrische Daten	
Betriebsspannung U _B	10...30 VDC
Leerlaufstrom	≤ 30 mA
Ausgangsstrom	≤ 30 mA
Kurzschlusschutz	ja
Drahtbruchsicherheit/Verpolungsschutz	ja
Signalpegel high	typ. 3.8 V
Signalpegel low	typ. 1.3 V (20 mA Last)
Kommunikationsprotokoll	SSi
Ausgangsfunktion	Gray kodiert
Mechanische Daten	
Flanschart	Klemmflansch
Flanschdurchmesser	Ø 36 mm
Wellenart	Vollwelle
Wellendurchmesser D (mm)	6
Wellenlänge L [mm]	12.5



Merkmale

- Klemmflansch, Ø 36 mm
- Vollwelle, Ø 6 mm × 12,5 mm
- Magnetisches Messprinzip
- Wellenmaterial: rostfreier Stahl
- Schutzart IP67 gehäuse- und wellenseitig
- -40...+85 °C
- max. 4000 U/min (Dauerbetrieb: 2000 U/min)
- 10...30 VDC
- SSI, gray
- Steckverbinder, M12 x 1, 8-polig
- 360° aufgelöst in 13 Bit (8192 Positionen)

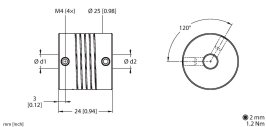
Anschlussbild



RA-HC-25-06-10

100048795

Wendelkupplung aus Aluminium Ø
25mm; d1=6mm, d2=10mm



Funktionszubehör

Maßbild	Typ	Ident-No.	
Technical drawing of the RA-MW-200-5.5-DK1-6 measuring wheel. The side view shows a cross-section with a central shaft (Ø 6 [0.24] mm) and a mounting flange (Ø 16 [0.63] mm). The end view shows a circular profile with a diameter of Ø 63.7 [2.51] mm. Dimensions include a total width of 5.5 [0.22] mm and a mounting hole diameter of Ø 12.5 [0.49] mm.	RA-MW-200-5.5-DK1-6	100038295	Messrad aus Aluminium (Kreuzrändel) für Drehgeber; Umfang 0,2 m, Breite 5,5 mm, D = 6 mm
Technical drawing of the RA-MW-200-6.5-PS1-6 measuring wheel. The side view shows a cross-section with a central shaft (Ø 6 [0.24] mm) and a mounting flange (Ø 16 [0.63] mm). The end view shows a circular profile with a diameter of Ø 63.7 [2.51] mm. Dimensions include a total width of 6.5 [0.26] mm and a mounting hole diameter of Ø 12.5 [0.49] mm.	RA-MW-200-6.5-PS1-6	100038296	Messrad aus Aluminium (PU glatt) für Drehgeber; Umfang 0,2 m, Breite 6,5 mm, D = 6 mm
Technical drawing of the RA-MW-200-5.5-OR1-6 measuring wheel. The side view shows a cross-section with a central shaft (Ø 6 [0.24] mm) and a mounting flange (Ø 16 [0.63] mm). The end view shows a circular profile with a diameter of Ø 63.7 [2.51] mm. Dimensions include a total width of 5.5 [0.22] mm and a mounting hole diameter of Ø 12.5 [0.49] mm.	RA-MW-200-5.5-OR1-6	100038298	Messrad aus Aluminium (O-Ring) für Drehgeber; Umfang 0,2 m, Breite 5,5 mm, D = 6 mm
Technical drawing of the RA-MW-B0-5.5-DK1-6 measuring wheel. The side view shows a cross-section with a central shaft (Ø 6 [0.24] mm) and a mounting flange (Ø 16 [0.63] mm). The end view shows a circular profile with a diameter of Ø 48.5 [1.91] mm. Dimensions include a total width of 5.5 [0.22] mm and a mounting hole diameter of Ø 12.5 [0.49] mm.	RA-MW-B0-5.5-DK1-6	100038299	Messrad aus Aluminium (Kreuzrändel) für Drehgeber; Umfang 6", Breite 5,5 mm, D = 6 mm
Technical drawing of the RA-MW-B0-6.5-PS1-6 measuring wheel. The side view shows a cross-section with a central shaft (Ø 6 [0.24] mm) and a mounting flange (Ø 16 [0.63] mm). The end view shows a circular profile with a diameter of Ø 48.5 [1.91] mm. Dimensions include a total width of 6.5 [0.26] mm and a mounting hole diameter of Ø 12.5 [0.49] mm.	RA-MW-B0-6.5-PS1-6	100038300	Messrad aus Aluminium (PU glatt) für Drehgeber; Umfang 6", Breite 6,5 mm, D = 6 mm
Technical drawing of the RA-MW-B0-5.5-OR1-6 measuring wheel. The side view shows a cross-section with a central shaft (Ø 6 [0.24] mm) and a mounting flange (Ø 16 [0.63] mm). The end view shows a circular profile with a diameter of Ø 48.5 [1.91] mm. Dimensions include a total width of 5.5 [0.22] mm and a mounting hole diameter of Ø 12.5 [0.49] mm.	RA-MW-B0-5.5-OR1-6	100038301	Messrad aus Aluminium (O-Ring) für Drehgeber; Umfang 6", Breite 5,5 mm, D = 6 mm

Maßbild	Typ	Ident-No.	
mm [inch]	RA-SAB-5-24	100038293	Drehgeberfederarm für kleine Absolutencoder mit 36 mm Flansch; Empfohlene Anpresskraft 5 N; Maximale Anpresskraft 20 N