

REI-10S10S-4B512-H1181
Incrementele encoder
Industrial-Line



Technische gegevens

Type	REI-10S10S-4B512-H1181
Identnr.	100010340
Meetprincipe	optisch
Algemene gegevens	
Max. rotatiesnelheid	6000 tpm
Traagheidsmoment van de rotor	$1.8 \times 10^{-5} \text{ kgm}^2$
Aanzetmoment	$< 0.05 \text{ Nm}$
Uitgangstype	Incrementeel
Resolutie incrementeel	512 ppr
Elektrische gegevens	
Bedrijfsspanning U_B	5...30 VDC
Eigen stroomopname	$\leq 90 \text{ mA}$
Uitgangsstroom	$\leq 20 \text{ mA}$
Kortsluitbeveiliging	Ja
Beveiliging tegen kabelbreuk/omgekeerde polariteit	Ja
Maximale impulsfrequentie	300 kHz
Signaalniveau hoog	min. 2.5 V
Signaalniveau laag	max. 0,5 V
Uitgangsfunctie	RS422 / TTL, met omgekeerd signaal
Mechanische gegevens	
Flenstype	synchroflens
Flensdiameter	$\varnothing 58 \text{ mm}$
Astype	Massieve as
Asdiameter D (mm)	10
Golf lengte L [mm]	20

Kenmerken

- Synchroflens, $\varnothing 58 \text{ mm}$
- Massieve as, $\varnothing 10 \text{ mm} \times 20 \text{ mm}$
- Optisch meetprincipe
- Asmateriaal: roestvast staal
- Beschermingsklasse IP67 huis- en aszijde
- $-40...+85 \text{ }^\circ\text{C}$
- max. 6000 omw/min (continue werking: 3000 omw/min)
- 5...30 V DC
- RS422/TTL met omgekeerd signaal
- Impulsfrequentie max. 300 kHz
- Connector, M12 $\times$ 1, 8-polig
- 512 impulsen per omwenteling

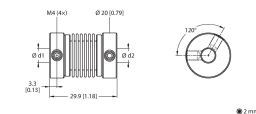
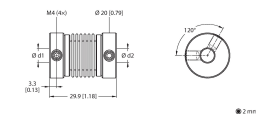
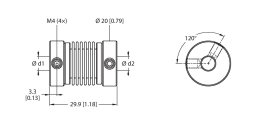
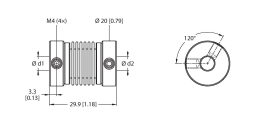
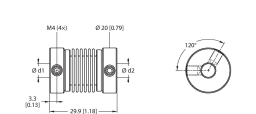
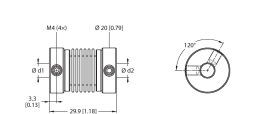
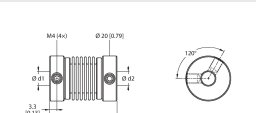
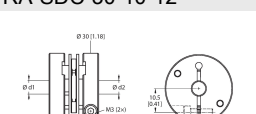
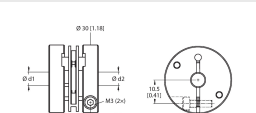
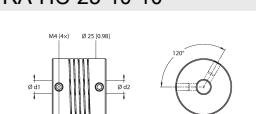
1	GND
2	U_B +
3	A
4	A inv.
5	B
6	B inv.
7	0
8	0 inv.
PH	shield



Technische gegevens

Asmateriaal	niet roestend staal
Materiaal behuizing	sputgegoten zink
Elektrische aansluiting	Connector, M12 × 1
	8-polig
Axiale asbelastbaarheid	40 N
Radiale asbelastbaarheid	80 N
Omgevingsomstandigheden	
Omgevingstemperatuur	-40...+85 °C
Trilbestendigheid (EN 60068-2-6)	300 m/s ² , 10...2000 Hz
Schokbestendigheid (EN 60068-2-27)	3000 m/s ² , 6 ms
Beschermingsgraad	IP67
Protection class shaft	IP67

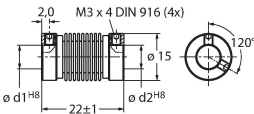
Toebehoren

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

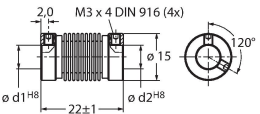
RA-HC-25-10-12 100048797 Aluminium spiraalkoppeling Ø 25 mm; d1 = 10 mm, d2 = 12 mm



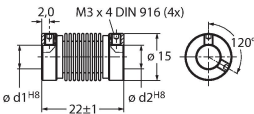
RCS-15-08-06 1545361 Balgkoppeling, buitendiameter: 15 mm, boringdiameter: 8 mm/6 mm



RCS-15-06-06 1545362 Balgkoppeling, buitendiameter: 15 mm, boringdiameter: 6 mm/6 mm



RCS-15-06-04 1545363 Balgkoppeling, buitendiameter: 15 mm, boringdiameter: 6 mm/4 mm



Toebehoren

Afmetingen	Type	Identnr.	
	RKC8T-2/TXL	6625142	Aansluitkabel, M12-contraconnector, recht, 8-polig, kabellengte: 2 m, mantelmateriaal: PUR, zwart; cULus-goedkeuring
	WKC8T-2/TXL	6625145	Aansluitkabel, M12-contraconnector, haaks, 8-polig, kabellengte: 2 m, mantelmateriaal: PUR, zwart; cULus-goedkeuring