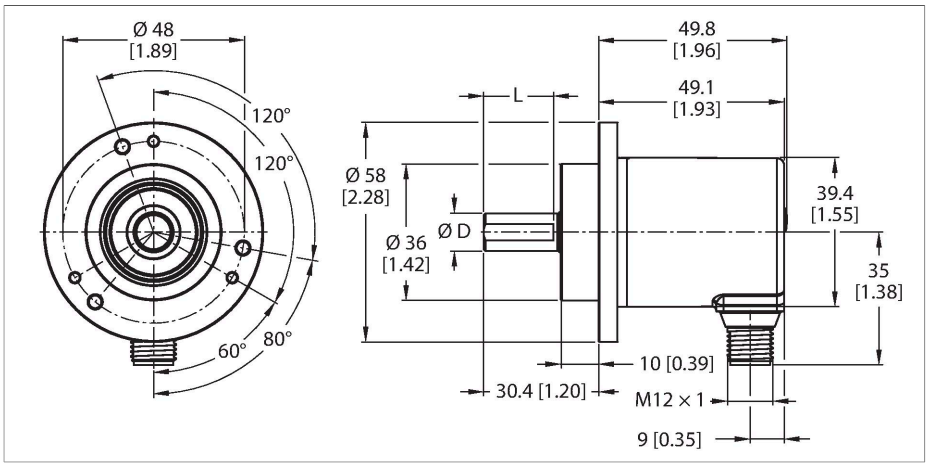
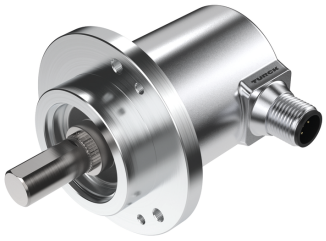
REM-E-195T10C-IOL32B-H1141
Absolute encoder - Multiturn – IO-link Efficiency-Line





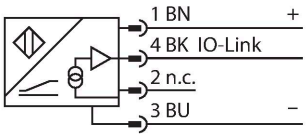
Technische gegevens

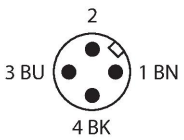
Type	REM-E-195T10C-IOL32B-H1141
Identnr.	100021186
Meetprincipe	magnetisch
Algemene gegevens	
Max. rotatiesnelheid	4000 tpm
Herhalingsnauwkeurigheid	± 0.2 °
Absolute nauwkeurigheid	± 0.5 °
Uitgangstype	Absoluut-multiturn
Elektrische gegevens	
Bedrijfsspanning U_B	18…30 VDC
Eigen stroomopname	≤ 40 mA
Kortsluitbeveiliging	Ja
Beveiliging tegen kabelbreuk/omgekeerde polariteit	Ja
Communicatieprotocol	IO-Link
IO-Link	
IO-Link specificatie	V 1.1
Parametrering	FDT/DTM
Mechanische gegevens	
Flenstype	klemflens
Flensdiameter	Ø 58 mm
Astype	Massieve as
Asdiameter D (mm)	10
Golflengte L [mm]	20
Asmateriaal	niet roestend staal
Materiaal behuizing	spuitgegoten zink

Kenmerken

- Klemflens, Ø 58 mm
- Massieve as, Ø 10 mm × 20 mm
- Magnetisch meetprincipe
- Asmateriaal: Roestvast staal
- Beschermingsklasse IP64 huis- en aszijde
- -20…+70 °C
- max. 4000 omw/min (continue werking: 2000 omw/min)
- Energy Harvesting-technologie
- 18…30 V DC
- Connector, M12 × 1, 4-polig
- Singleturn-resolutie 14 bit schaalbaar, standaard 14 bit
- Multiturn-resolutie 18 bit alleen over totale resolutie schaalbaar, standaard 18 bit
- Totale resolutie 32 bit schaalbaar, standaard: 32 bit

Aansluitschema





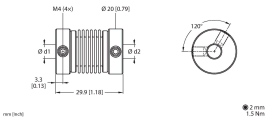
REM-E-195T10C-IOL32B-H1141| 21-02-2025 18-52 | Technische wijzigingen voorbehouden

Technische gegevens

Elektrische aansluiting	Connector, M12 × 1
	5-polig
Axiale asbelastbaarheid	40 N
Radiale asbelastbaarheid	80 N
Omgevingsomstandigheden	
Omgevingstemperatuur	-20…+70 °C
Trilbestendigheid (EN 60068-2-6)	30 g (300 m/s²), 10…2000 Hz
Schokbestendigheid (EN 60068-2-27)	500 g (2500 m/s²), 4 ms
Beschermingsgraad	IP64
Protection class shaft	IP64
MTTF	25 Jaren

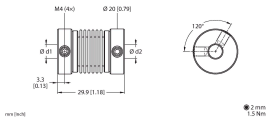
Toebehoren

RA-BC-20-06-10 100048779



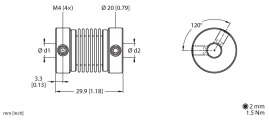
Balgkoppeling met aluminium naaf
Ø 20 mm; d1 = 6 mm, d2 = 10 mm

RA-BC-20-08-10 100048781



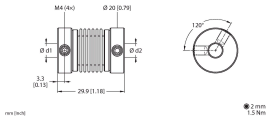
Balgkoppeling met aluminium naaf
Ø 20 mm; d1 = 8 mm, d2 = 10 mm

RA-BC-20-10-10 100048782



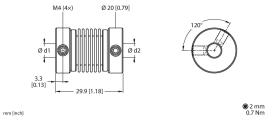
Balgkoppeling met aluminium naaf
Ø 20 mm; d1 = 10 mm, d2 = 10 mm

RA-BC-20-10-12 100048783



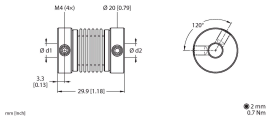
Balgkoppeling met aluminium naaf
Ø 20 mm; d1 = 10 mm, d2 = 12 mm

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



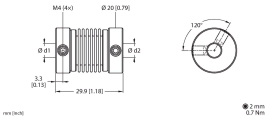
Roestvaststalen balgkoppeling
Ø 20 mm; d1 = 6 mm, d2 = 10 mm

RA-BC-E-20-10-10 100048787



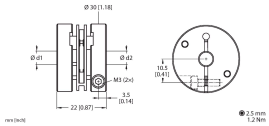
Roestvaststalen balgkoppeling
Ø 20 mm; d1 = 10 mm, d2 = 10 mm

RA-BC-E-20-10-12 100048788



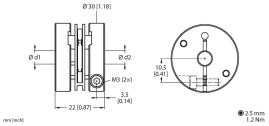
Roestvaststalen balgkoppeling
Ø 20 mm; d1 = 10 mm, d2 = 12 mm

RA-SDC-30-10-10 100048792



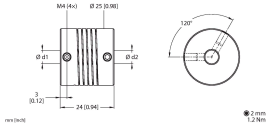
Borgringkoppeling Ø 30 mm, d1 = 10 mm, d2 = 10 mm

RA-SDC-30-10-12 100048793



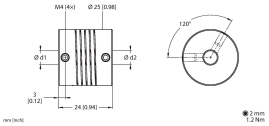
Borgringkoppeling Ø 30 mm, d1 = 10 mm, d2 = 12 mm

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

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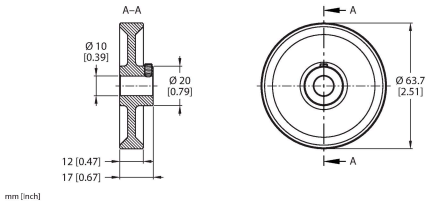
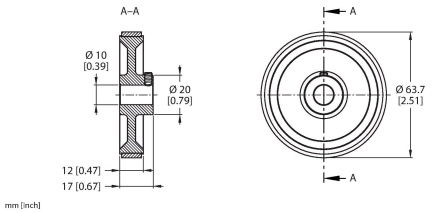
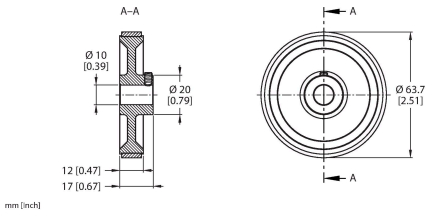
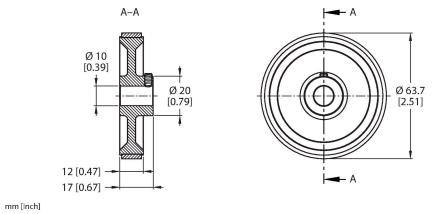
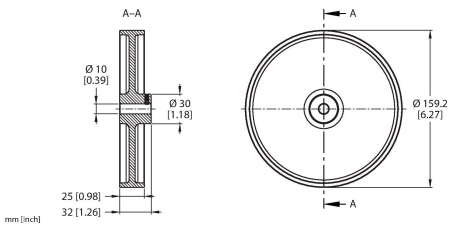
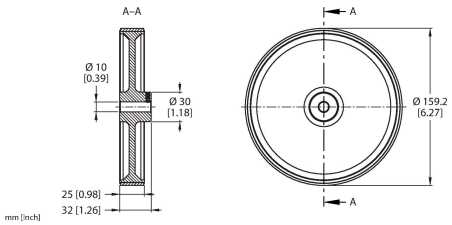
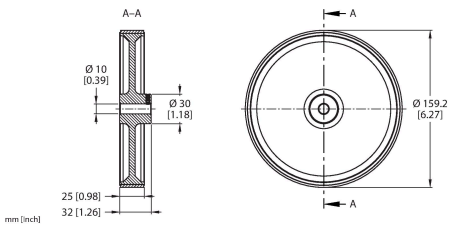
Toebehoren

Afmetingen	Type	Identnr.	
	RA-MW-200-12-DK1-10	100038302	Meetwiel van aluminium (kruiskarteling) voor encoder; omvang 0,2 m, breedte 12 mm, D = 10 mm
	RA-MW-200-12-PS1-10	100038303	Meetwiel van aluminium (PU glad) voor encoder; omvang 0,2 m, breedte 12 mm, D = 10 mm
	RA-MW-200-12-RT1-10	100038304	Meetwiel van aluminium (PU met noppen) voor encoder; omvang 0,2 m, breedte 12 mm, D = 10 mm
	RA-MW-200-12-PC1-10	100038305	Aluminium meetwiel (gegroefd PU) voor encoders; omtrek 0,2 m, breedte 12 mm, D = 10 mm
	RA-MW-500-25-DK1-10	100038314	Aluminium meetwiel (gekarteld) voor encoders; omtrek 0,5 m, breedte 25 mm, D = 10 mm
	RA-MW-500-25-PS1-10	100038315	Aluminium meetwiel (glad PU) voor encoders; omtrek 0,5 m, breedte 25 mm, D = 10 mm
	RA-MW-500-25-RT1-10	100038316	Aluminium meetwiel (PU met noppen) voor encoders; omtrek 0,5 m, breedte 25 mm, D = 10 mm

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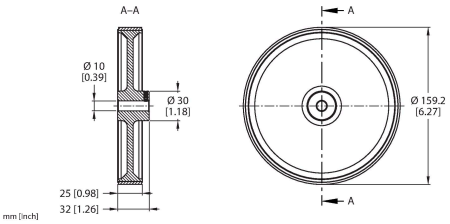
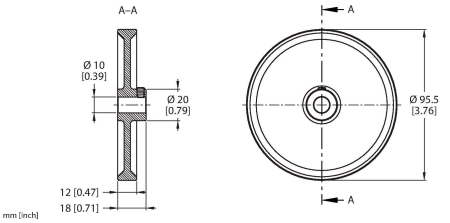
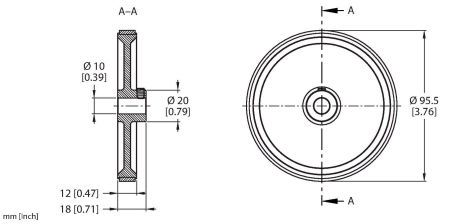
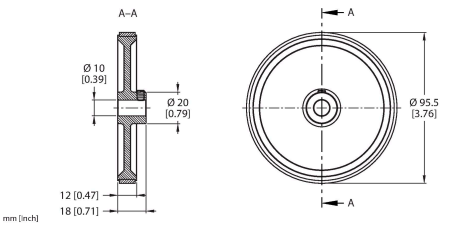
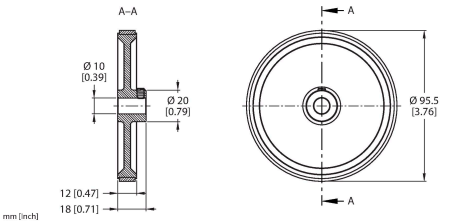
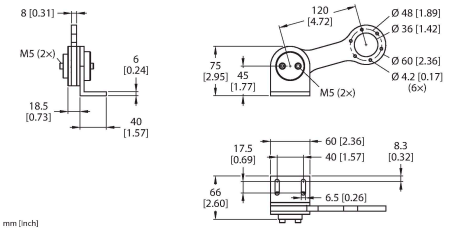
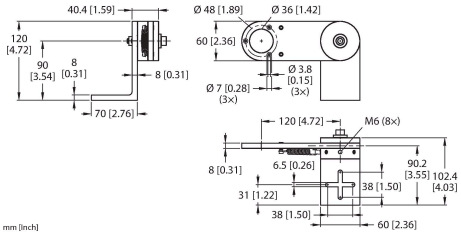
Afmetingen	Type	Identnr.	
	RA-MW-500-25-PC1-10	100038317	Aluminium meetwiel (gegroefd PU) voor encoders; omtrek 0,5 m, breedte 25 mm, D = 10 mm
	RA-MW-300-12-DK1-10	100038306	Aluminium meetwiel (gekarteld) voor encoders; omtrek 0,3 m, breedte 12 mm, D = 10 mm
	RA-MW-300-12-PS1-10	100038307	Aluminium meetwiel (glad PU) voor encoders; omtrek 0,3 m, breedte 12 mm, D = 10 mm
	RA-MW-300-12-RT1-10	100038308	Aluminium meetwiel (PU met noppen) voor encoders; omtrek 0,3 m, breedte 12 mm, D = 10 mm
	RA-MW-300-12-PC1-10	100038309	Aluminium meetwiel (gegroefd PU) voor encoders; omtrek 0,3 m, breedte 12 mm, D = 10 mm
	RA-SAB-15-36	100038251	Veerarm voor encoders met een flens van 58 mm; aanbevolen contactdruk 15 N; maximale contactdruk 30 N
	RA-SAB-30-36	100038294	Veerarm voor encoders met een flens van 58 mm; aanbevolen contactdruk 30 N; maximale contactdruk 40 N

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