Netzer
Precision Motion Sensors Ltd.

HARSH ENVIRONMENT

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Hollow Contactless Rotor

Polymer housing	DS-16	DS-25	DS-37	DS-40	DS-58	DS-70	DS-90	DS-130
Functional								
Angular resolution	16 bits	17 bits	17 bits	17 bits	18 bits	19 bits	19 bits	19 bits
Accuracy	< ±0.025°	< ±0.020°	< ±0.020°	< ±0.020°	< ±0.015°	< ±0.015°	< ±0.010°	< ±0.010°
Maximum usable speed	4,000 rpm							
Measurement range	Absolute position single turn							
Mechanical								
Weight	2.7 gr	4 gr	10 gr	18 gr	36 gr	50 gr	50 gr	65 gr
Outer diameter / Inner diameter / Profile (mm)	16/4/8	25/6/7	37/10/8	40/10/8	58/20/10	70/30/10	90/50/10	130/90/10
Construction material (stator/rotor)	Ultem™ / TRVX-50 Polymer's							