

Industrial Rotary Position Sensor Bushing Mount Type, Conductive Plastic


FEATURES

- Fully sealed for high immunity to environmental damage
- Excellent temperature stability
- Rotational life exceeds 2 million revolutions
- Low cost and wide range of options
- Stainless steel shaft
- Shock to 30 g vibration to 15 g at 10 Hz to 2000 Hz

QUICK REFERENCE DATA

Sensor type	ROTATIONAL, conductive plastic
Output type	Output by turrets
Market appliance	Industrial
Dimensions	15.81 mm x 17.46 mm




ELECTRICAL SPECIFICATIONS

PARAMETER	
Standard resistance	1 kΩ to 100 kΩ
Capability range	200 kΩ
Resistance tolerance	± 20 %
Linearity	± 2 %
Power rating	1.0 W at 85 °C
Electrical travel	240° ± 4°
Dielectric withstanding	500 V _{RMS} at 60 Hz minimum
Output smoothness	0.2 % maximum

MECHANICAL SPECIFICATIONS

PARAMETER	
Bearing type	Sleeve
Mechanical rotation	250° ± 2°
Stop strength	10 in - lb minimum, 11.5 kg/cm
Starting torque	3.0 o.z - in maximum, 216 g/cm
Running torque	3.0 oz. - in maximum, 216 g/cm

ORDERING INFORMATION/DESCRIPTION

657	B	F	0			50 kΩ	B10
MODEL	STYLE	SHAFT OPTIONS	SHAFT BUSHING OPTIONS			TOTAL RESISTANCE	PACKAGING
	B : Bushing	R - Round F - Flatted	 Shaft length 0 - 0.875" FMS 1 - 0.625" FMS 2 - 1.000" FMS 3 - 1.250" FMS	 Bushing length 0.375" FMS 0.250" FMS 0.500" FMS 0.750" FMS	 Flat 0.440" 0.315" 0.440" 0.440"		Box of 10 pieces

SAP PART NUMBERING GUIDELINES

657B	R	1	103	BO10
MODEL	END SHAFT	SHAFT AND BUSHING OPTIONS	OHMIC VALUE	PACKAGING
	R : Round	(see above)		



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