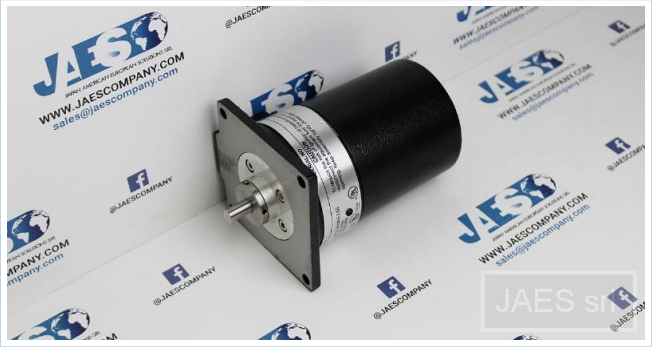
TECHNICAL DATA SHEET

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General Attributes	
Feedback Type	**Incremental**
Technology Sensing Type	**Optical**
Weight	**6.4 Pounds**

Mechanical Attributes	
Connection Location	**Radial (Internal)**
Connection Type	**Conduit Box**
Disk Material	**Mylar**
Flange Material	**Cast Aluminum**
Housing Material	**Cast Aluminum**
Maximum Operating Speed	**5000 RPM**
Shaft / Bore Material	**Stainless Steel**
Shaft / Bore Size	**9.525 mm**
Shaft Type	**Shafted**
Starting Torque	**1.41 Ncm**
Termination	**Screw Terminals w/ Pressure Plates (14AWG-22AWG)**

Electrical Attributes	
Duty Cycle	**43-57%**
Incremental Signals	**A, A', B, B', Z, Z'**
Input Voltage	**5-26 VDC**
Line Driver Type	**7272**
Maximum Frequency Response	**100 KHz**
Output Signal	**5 VDC**
Resolution	**1000 PPR**
Reverse Polarity Protection	**Yes**
Short Circuit Protection	**Yes**

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Environmental Attributes	
Approvals / Certifications	**[CE, UL Certified]**
Hazardous Area Rating	**[Class 2 Div 2, Class I Div 2, Class II Div 1, Class I Div 1]**
Hazardous Area Rating Certification	**[Class I, Div 1 Groups C&D, Class II, Div 2 Groups E,F&G]**
Housing Protection Level	**IP66;NEMA4X**
Humidity Non-Condensing	**98 %**
Maximum Operating Temperature	**70 °C**
Maximum Storage Temperature	**90 °C**
Minimum Operating Temperature	**0 °C**
Minimum Storage Temperature	**-40 °C**
Noise Immunity Testing Specification	**EN61326-1**
Shock Resistance	**50G, 11msec**
Vibration Resistance	**2G, 5-2000Hz**

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