

CRANE® FLEXtech™ HIGH ACCURACY CAN OUTPUT PROXIMITY SENSOR

80-500



TECHNICAL FEATURES

- All-Metal Construction
- Hermetically Sealed

- High-Accuracy Gap Output
- · CAN Data Bus Interface



ELECTRICAL PERFORMANCE

Integral Electronics, Active Sensor Type:

Isolated CAN Data Bus Output Configuration:

18-32 Vdc per DO-160G, Input Voltage: Section 16, Category B

Input Current: 20 mA

0.200" from Sensing Face Sensing Range:

(see Note 2)

Gap Measurement Accuracy: ± 0.005" (see Note 2)

ENVIRONMENTAL CHARACTERISTICS

Hermetically sealed and qualified RTCA DO-160 G; Temperature -55°C to 125°C.

PHYSICAL CHARACTERISTICS

60 grams (not including connector mating half) Mass

Connector EN2997Y11005MN

Mounting Threaded Barrel (as shown)

Construction Stainless Steel Barrel and Sensing Face

APPLICATIONS

Flight Controls, Environmental Controls, Landing Gear, Doors, Engines and Actuation Systems.

NOTES

- Can detect high-permeability magnetic steels and stainless steels only.
- Baseline performance specified with Crane standard target; extended sensing range possible with reduced measurement
- 3. Alternate connector and form-factor options available.

Sensing & Power Systems

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Page 1 of 1 80-500

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