MODEL 8-669

HERMETICALLY SEALED ALL-METAL PROXIMITY SWITCH Ferrous Metal Sensing, Sinking Output with Built-in Test

GA & GD Slide-By Curves (Standard Target) 2.25 (57.2) MAX.-MIL-C-38999 SERIES III CONNECTOR (233) TARGET G_D 3XØ.047 .145 (3.68) (1.12)0.2 (.195) G_A 817 (20.75) **SENSING FACE** (.175)(.170) 0.15 (.147).802 (20.37) MAX. (.12)(.118).750-20 UNEF 2A 0.1 Z-AXIS 2X HEX NUTS KEY WASHER SUPPLIED (MS21340-06) SUPPLIED DISTANCE 0.05 PIN OUT FUNCTION +28V TARGET соммон Z DISTANCE 3 N/C -0.4 -0.2 (.09) (.160) 4 BIT OUTPUT X AXIS 6 SHLD GND GA = Guaranteed Actuation GD = Guaranteed Deactuation **DIMENSIONS IN INCHES**

Electrical Characteristics

Integral Electronics, One-Piece Switch Type:

(Dimensions in mm)

Output Configuration: Transistor Switch to Common

Output Load: 250 mA Resistive

Input Voltage: 16-30 Vdc per MIL-STD-704C

Input Current: 10 mA

Built-In Test (BIT):

Normal Condition = BIT Lead not Connected

Simulated Actuated Condition = BIT Lead High (Supply Voltage)

Simulated Deactuated Condition = BIT Lead Low (Ground)

Environmental Characteristics

Hermetically sealed and qualified: Temperature -55°C to 100°C

Additional Information

For more detailed specifications, options, price quotes or applications information, contact: ELDEC Corporation, P.O. Box 97027, Lynnwood, Washington U.S.A. 98046-9727

PHONE: (425) 743-1313 · FAX: (425) 743-8234 · TWX: 910-449-2855 or ELDEC France; 18, Rue du 35 eme Regiment d'Aviation,

F- 69500 BRON - FRANCE

PHONE: (33) 78.26.10.10 · FAX: (33) 72.37.72.30

Physical Characteristics

Siże: As shown

Weight: 45 Grams (not including connector mating half)

MIL-C-38999, Series III Connector: Mounting: Threaded Barrel (as shown)

Construction: All Stainless Steel, including sensing face

Applications

Landing Gear/Undercarriage, Doors, Leading Edge Devices, Thrust Reversers

Notes:

The 8-669 can detect ferrous metal only. Aluminum will cause switch deactuation and can therefore serve as an anti-target.

