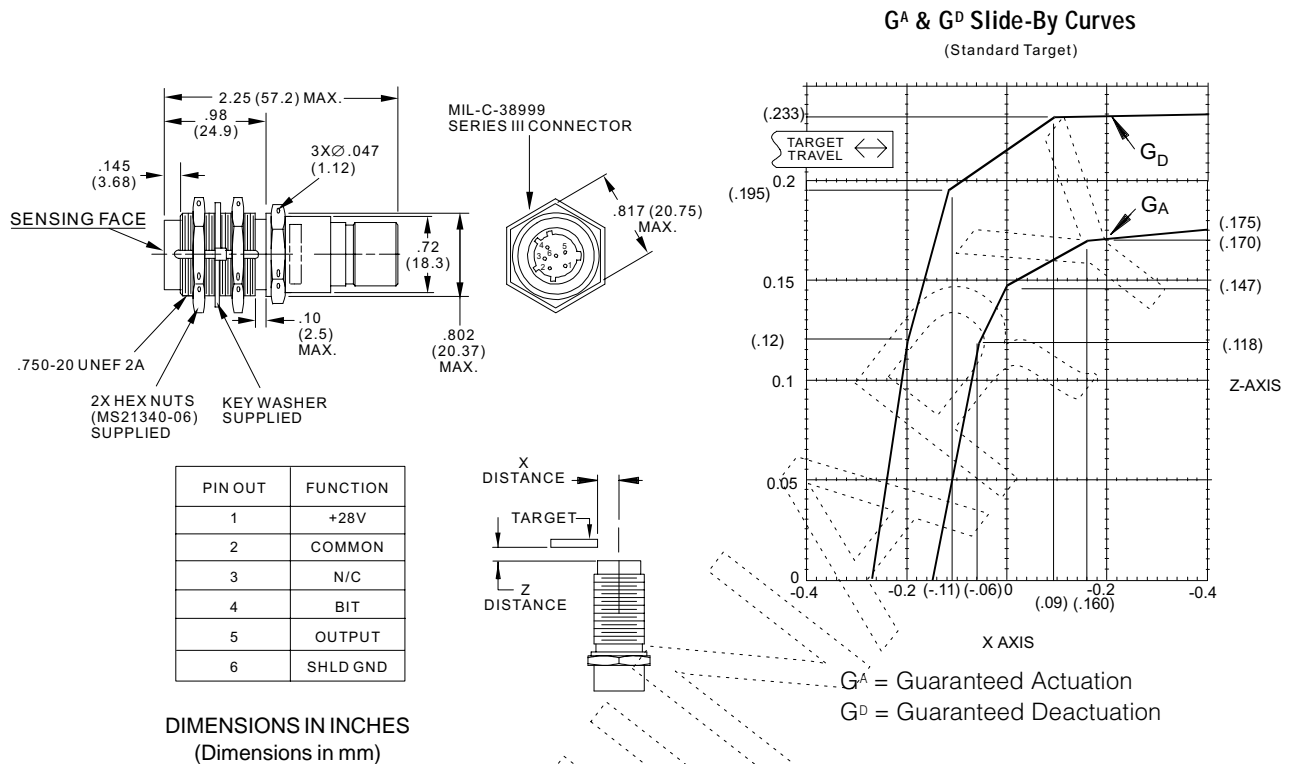


# MODEL 8-669

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



### Electrical Characteristics

Type: Integral Electronics, One-Piece Switch  
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.

### Physical Characteristics

Size: As shown  
Weight: 45 Grams (not including connector mating half)  
Connector: MIL-C-38999, Series III  
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.

### 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  
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