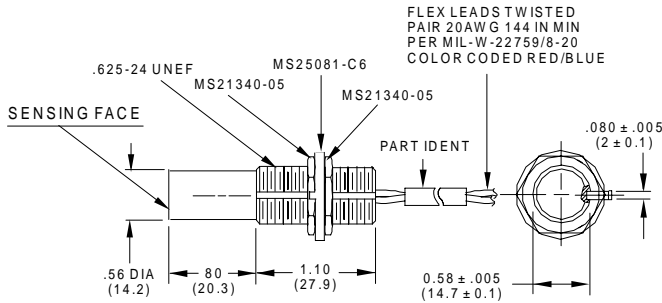


**MODEL 8-642**  
**ALL-METAL PASSIVE PROXIMITY SENSOR**  
**Ferrous Metal Sensing**



DIMENSIONS IN INCHES  
 (Dimensions in mm)

**Electrical Characteristics**

Type: Two Wire, Passive Proximity Sensor  
 Electrical Interface: ELDEC PSEU  
 Guaranteed Actuation: .085" from Sensing Face (with Standard Target)  
 Guaranteed Deactuation: .120" from Sensing Face (with Standard Target)

**Environmental Characteristics**

Environmentally Sealed and qualified to DO-160;  
 Temperature -55°C to 100°C.

**Programs**

de Havilland Dash 8  
 Canadair CL-604, Regional Jet  
 Bombardier Global Express®

**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 35eme Regiment d'Aviation,  
 F- 69500 BRON - FRANCE  
 PHONE: (33) 478.26.10.10 · FAX: (33) 472.37.72.30

**Physical Characteristics**

Size: As shown  
 Weight: 148 Grams (including cable)  
 Electrical Connection: 2 Conductor x 20 AWG, 144 in.  
 Mounting: Threaded Barrel (as shown)  
 Construction: All Stainless Steel, including sensing face

**Applications**

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

**Notes:**

The 8-642 can detect ferrous metals only. Aluminum will cause deactuation and can therefore serve as a anti-target.

Electrical interface circuitry typically resides in ELDEC PSEU (Proximity Switch Electronic Unit).



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