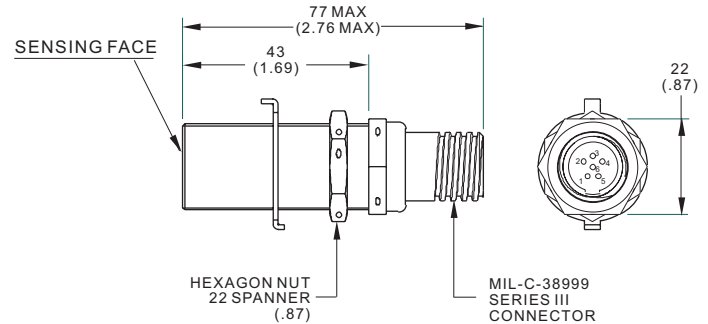


# MODEL 72A50-02

## PROXIMITY SWITCH

All-Metal Sensing, Dual Sourcing or Sinking Outputs



PIN	FUNCTION
A	+28 V
B	OUTPUT 1 (+)
C	OUTPUT 1 (-)
D	COMMON
E	OUTPUT 2 (+)
F	OUTPUT 2 (-)

DIMENSIONS IN MILLIMETERS  
(Dimensions in inches)

### Electrical Characteristics

Type:	Integral Electronics, One-Piece Switch
Output Configuration:	Dual Transistor Switch to Common or Input Power
Output Load:	500 mA Resistive (total)
Input Voltage:	10 to 35 Vdc
Input Current:	8 mA
Guaranteed Actuation:	0.080" from Sensing Face (with Standard Target)
Guaranteed Deactuation:	0.160" from Sensing Face (with Standard Target)

### Programs

Bell-Augusta 609

### Environmental Characteristics

Environmentally sealed and qualified;  
Operating Temperature: -40 to 85 °C

### Physical Characteristics

Size:	As shown
Weight:	40 grams (not including connector mating half)
Connector:	MIL-C-38999, Series III (mates with D38999/26FA98SN)
Mounting:	Threaded Barrel (as shown)
Construction:	Aluminum Barrel

### Applications

Landing Gear/Undercarriage, Doors

### Note:

The 72A50-02 can detect all metals including aluminum although gap variation exists depending on the target material sensed.

### Additional Information

For more detailed specifications and applications information, contact:  
ELDEC France, 18, Rue du 35<sup>eme</sup> Regiment d'Aviation, 69500 BRON - FRANCE  
Phone: (33) 478.26.10.10 • Fax: (33) 472.37.72.30  
or ELDEC Corporation, P.O. Box 97027, Lynnwood, Washington U.S.A. 98046-9727  
Phone: (425) 743-1313 • Fax: (425) 743-8234  
[www.eldec.com](http://www.eldec.com)  
Specifications subject to change without notice.  
Copyright © Nov 1999 ELDEC Corporation



ELDEC CORPORATION  
A CRANE CO. COMPANY