

## LOW LEVEL FUEL SENSOR



### FEATURES

- EO low level fuel sensor for airborne platform fuel tanks
- Anti-Slosh filter
- High accuracy
- Built-in-test for high reliability
- Optional electro-optical built-in-test feature
- DO-160 compatible
- MIL-STD-461F compatible
- MIL-STD-704F compatible

SPECIFICATION	VALUE
<b>GENERAL PROPERTIES</b>	
Wavelength	850 nm
Accuracy	±1 mm
Weight	100 gr
Size	61 mm x 27 mm x 20 mm
Power	<1 W
Compatible Fuel	MIL-DTL-5624 Class JP-5 MIL-DTL-831133 Class JP-8, JP-8+100 ASTM D1655 Class Jet A, Jet A-1
<b>INTERFACES</b>	
Power	16 – 32 V DC (28 V Nominal)
Input	Test Signals
Output	Low/High
<b>ENVIRONMENTAL CONDITIONS</b>	
Operating Temperature	-40 °C ... +71 °C
Storage Temperature	-55 °C ... +85 °C
Vibration	MIL-STD-810H Method 514.8
Shock	MIL-STD-810H Method 516.8 Procedure I
Low Pressure Altitude	MIL-STD-810H Method 500.6 Procedure II
Temperature Shock	MIL-STD-810H Method 503.7 Procedure I-B
EMI/EMC	MIL-STD 461F; CE101-4, CE102-1, CE106, CS101-1, CS114-1 Curve 5, CS115-1, CS116-1, RE101-1, RE102-3, RE103, RS101-2, RS103 200 V/m

