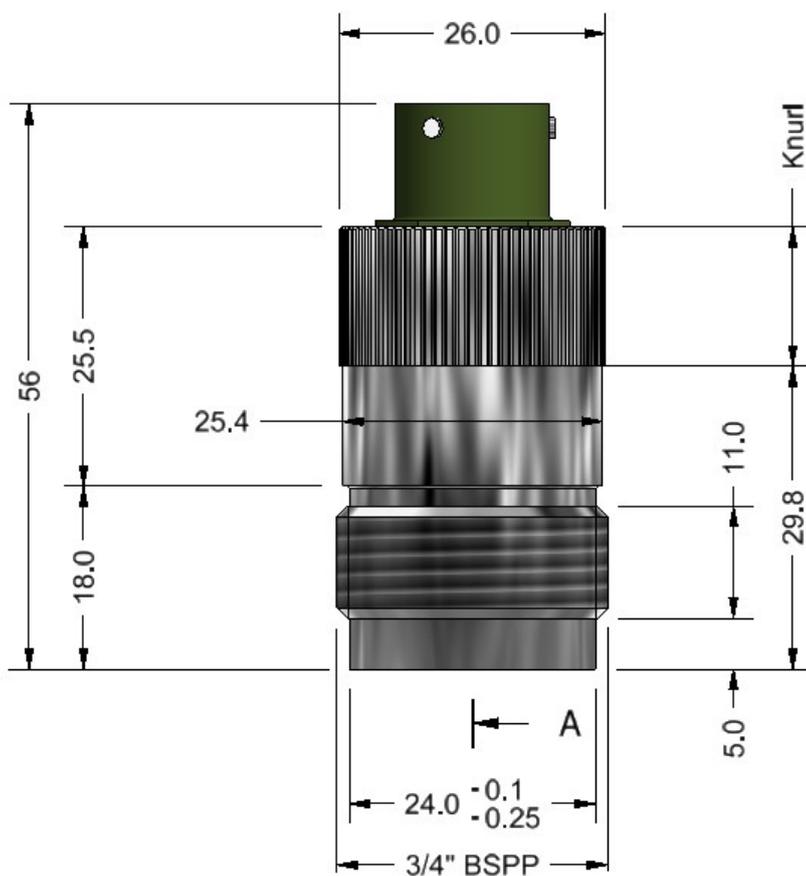


DATASHEET

IMPS SENSOR

XE-0050-008: 0 to 4 Bar Absolute (0—10V) with MIL-Spec 26482 Connector



TECHNICAL SPECIFICATION

General	
Pressure Range	0 to 4 bar (absolute)
Over Pressure	8 bar
Burst Pressure	12 bar
Pressure Port O-Ring	EPDM
Face Type	Thick film on ceramic
Housing Material	304 SS
Connector Type	MIL-C 26482, 6 pin connector

TECHNICAL SPECIFICATION (continued)

Input	
Input Current	≤10 mA
Load Resistance	≥5.0kΩ, 10—30 VDC
Inverse-polarity protection, short-circuit strength @ 25°C during 5 min.	Up to 30 VDC

Output	
Span	4 bar, 0—10 VDC
TEB typ. @ -25 ... +85°C	±3.0% FS typ.
NLH @25°C (BSL) typ.	±0.2% FS typ.
TC zero point and span typ.	±0.03% FS/K typ.
Long term stability 1 year typ.	±0.3% FS typ.

Environmental	
Ambient Temperature	-25°C to +100°C
Media Temperature	-10°C to +125°C
Humidity	Max. 95% relative
Vibration	4g (10—2000 Hz)
Shock	50g/8ms
IP Rating	IP55 (IP67 with a mounted female connector)

Electrical Connections — See Figure 1	
Type	MIL-C 26482, 6 pin connector
A:	Positive supply
B:	Signal output
C:	Not connected
D:	0V supply
E:	Earth
F:	Not connected

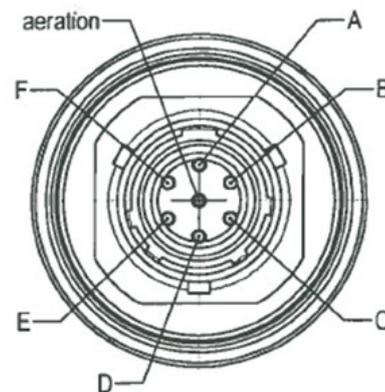


Figure 1:
Pin View

Associated Cables	
XE-0060-05	3 m Sensor Lead Assembly — IMPS Readout Unit to Sensor
XE-0060-06	10 m Sensor Lead Assembly — IMPS Readout Unit to Sensor
XE-0060-07	25 m Sensor Lead Assembly — IMPS Readout Unit to Sensor

XE-0050-008 supersedes the following sensors. However these products are still available to purchase as replacements upon request:	
XE-0050-002	-1 to +3 Bar Gauge IMPS Sensor
XE-0050-004	-1 to +3 Bar Gauge IMPS Sensor with 10 m High-Temperature Cable
XE-0050-005	-1 to +3 Bar Gauge IMPS Sensor with 10 m High-Temperature Cable