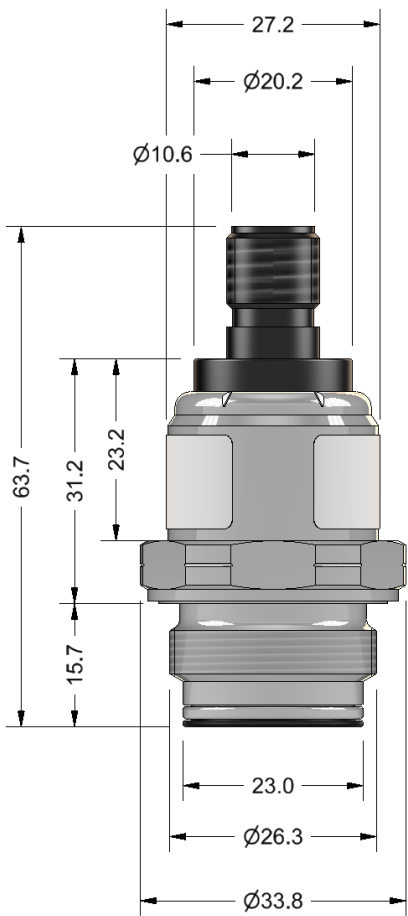


DATASHEET

IMPS SENSOR

XE-0050-011: 0 to 10 Bar Absolute (0—10V) Hex Body with M12 Connector



TECHNICAL SPECIFICATION

General	
Pressure Range	0 to 10 bar (absolute)
Over Pressure	20 bar
Burst Pressure	25 bar
Pressure Port O-Ring	EPDM
Face Type	Thick film on ceramic
Housing Material	316L SS
Connector Type	M12 x 5 pin connector

TECHNICAL SPECIFICATION (continued)

Input	
Supply Voltage	15 — 30VDC
Input Current	≤ 10 mA
Load Resistance	≥ 5.0kΩ
Inverse-polarity protection, short-circuit strength @ 25°C during 5 min.	Up to 30 VDC

Output	
Span	10 bar, 0—10 VDC
TEB typ. @ -25 ... +85°C	±1.0% FS typ.
NLH @25°C (BSL) typ.	±0.2% FS typ.
TC zero point and span typ.	±0.02% FS/K typ.
Long term stability 1 year typ.	±0.2% FS typ.

Environmental	
Ambient Temperature	-25°C to +125°C
Media Temperature	-25°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	M12 x 5 pin connector
1:	Not connected
2:	Positive supply
3:	0V supply
4:	Signal output
5:	Earth

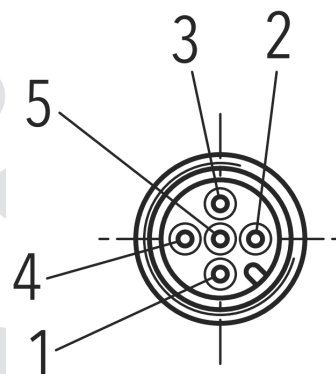


Figure 1:
Pin View