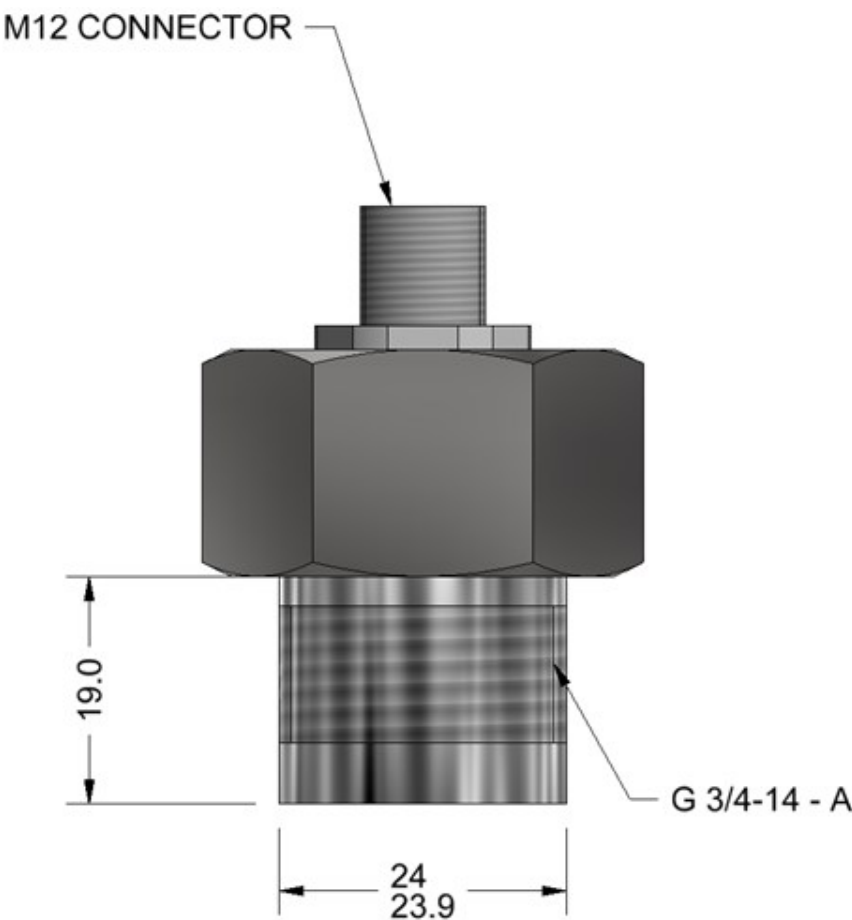


DATASHEET

PRESSURE SENSOR

XE-0050-001: -1 to +19 Bar Gauge (0 — 10V) Hex Body with M12 Connector



TECHNICAL SPECIFICATION

General	
Pressure Range	-1 to +19 bar (gauge)
Over Pressure	35 bar
Pressure Port O-Ring	EPDM
Face Type	Ceramic
Housing Material	303 SS
Connector Type	M12 x 4 pin connector

TECHNICAL SPECIFICATION (continued)

Input	
Supply Voltage	13 — 32VDC
Input Current	≤ 6 mA
Load Resistance	≥ 10.0kΩ
Inverse Polarity Protection	No damage/no function

Output	
Span	-1 to +19 bar, 0 — 10 VDC
NLH @25°C (BSL) typ.	±0.25% FS typ.
Thermal Zero Shift (TZS)	< ±0.02% FS/°C

Environmental	
Ambient Temperature	-20°C to +80°C
Media Temperature	-20°C to +135°C
Humidity	Max. 95% relative
Vibration	10g (20—2000 Hz)
Shock	100g/11ms
IP Rating	IP55 (IP67 with a mounted female connector)

Electrical Connections — See Figure 1	
Type	M12 x 4 pin connector
1:	Positive supply
2:	0V supply
3:	Signal output
4:	Not connected

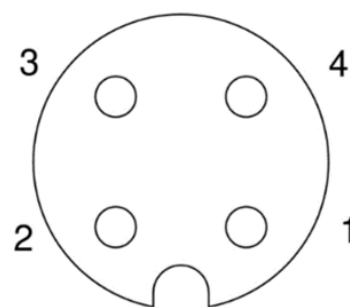


Figure 1:
Pin View