

Honeywell Sensing and Control

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XSCL10DC

(Home : Products : Sensors » Silicon Pressure Sensors » Ultra-Low Pressure Sensors » XSCL)








XSCL Series, Differential, Gage, Vacuum Gage; Signal Conditioning: Unamplified; Signal Conditioning: Unamplified; Pressure Range: ± 10.0 in H₂O; Port Style: Button

Actual product appearance may vary.

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-  HONEYWELL EXPANDS ITS LIMITLESS™ PLATFORM WITH THE LAUNCH OF ITS GLOBALLY AVAILABLE INDUSTRIAL WIRELESS RECEIVER
-  HONEYWELL EXTENDS ITS TRUSTABILITY® PRESSURE SENSOR PRODUCT LINE WITH A SINGLE SIDE LIQUID MEDIA OPTION

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Overview Specs Documentation Application Notes

Product Specifications

Measurement Type	Differential, Vacuum Gage, Gage
Signal Conditioning	Unamplified
Pressure Range	± 10.0 in H ₂ O
Maximum Overpressure	3.0 psi
Supply Voltage	3.0 Vdc min., 12.0 Vdc typ., 16.0 Vdc max.
Compensated	Yes
Output Calibration	Yes
Termination	PCB
Port Style	No Port
Package Type	Honeywell DI-XSC
Typical Sensitivity	2 mV/in H ₂ O
Full Scale Span	20 mV typ.
Null Offset	0 mV typ.
Null Shift over Temperature	± 1 mV
Span Shift Over Temperature	$\pm 2.0\%$ span
Linearity and Hysteresis Error	$\pm 1.0\%$ Span
Input Resistance	5.0 kOhm typ.
Output Resistance	3 kOhm max.
Operating Temperature	-25 °C to 85 °C [-13 °F to 185 °F]
Compensated Temperature Range	0 °C to 70 °C [32 °F to 158 °F]
Storage Temperature Range	-40 °C to 125 °C [-40 °F to 257 °F]
Media Compatibility	Port 1: Dry gases only. Media must be compatible with epoxy-based adhesive. Port 2: Wetted materials. Media must be compatible with nylon housing, epoxy adhesive and silicon.
UNSPSC Code	411121
UNSPSC Commodity	411121 Transducers
Availability	Global
Series Name	XSCL