



HONEYWELL

XCAL5010GN

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Honeywell Sensing and Control

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- Choosing Safety Switches
- Specifying Hour Meters
- SAW Torque Sensor Technology

white papers

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Actual product appearance may vary.

XCAL Series, Differential, Gage, Vacuum Gage; Signal Conditioning: Unamplified; Pressure Range: 0 in H₂O to 10.0 in H₂O; Port Style: Barbed

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Product Specifications

Measurement Type	Differential, Vacuum Gage, Gage
Signal Conditioning	Amplified
Pressure Range	0 in H ₂ O to 10.0 in H ₂ O
Maximum Overpressure	100 in H ₂ O
Supply Voltage	3.0 Vdc min., 8.0 Vdc typ., 16.0 Vdc max.
Compensated	Yes
Output Calibration	Yes
Termination	PCB
Port Style	Barbed
Package Type	Honeywell DI-XCA
Typical Sensitivity	0.5 V/in H ₂ O
Full Scale Span	5.0 Vdc typ.
Null Offset	1.0 Vdc typ.
Null Shift over Temperature	± 1% Span
Span Shift Over Temperature	± 1.0% span
Linearity and Hysteresis Error	± 0.5 % Span
Operating Temperature	-25 °C to 85 °C [-13 °F to 185 °F]
Compensated Temperature Range	0 °C to 50 °C [32 °F to 122 °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	XCAL

contacts

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