



Series QCN

Wall Mounting Type Pressure Transmitter



QCN model is high precise and its media-wetted materials are composed of stainless steel 316, having excellent corrosion-resistant properties. It is applied to precise measurement and builds an amplifier therein to interface with various kinds of controllers. Wall Mounting type which is easy to attach on wall.

Feature

- mA output
- Measuring range 0~35MPa
- 0.15%FS accuracy
- Gauge and absolute measurement
- Piezoresistive silicon cell
- Stainless steel(316L) media-wetted materials

Applications

- Ship & Marine System
- Process control
- Hydraulics & Pneumatic
- Pump Speed Control
- Compressor Control

SPECIFICATIONS

Range

0 ~ 5, 10, 20, 30, 50, 100, 200, 300, 500, 700kPa / 2, 3.5, 7, 20, 35MPa(Gauge)

-100 ~ 0 , 30, 50, 100, 200, 300, 500, 700kPa (Gauge)

0 ~ 100, 200, 300, 500, 700kPa / 2, 3.5, 7, 20, 35MPa (Absolute)

Performance

Accuracy	±0.15%FS(RSS)
Thermal Effect on Zero	±0.03%FS/°C
Thermal Effect on Span	±0.03%FS/°C
Compensated Temperature Range	-10 ~ 70°C
Operating Temperature Range	-20 ~ 80°C

Electrical

Excitation	11 ~ 28VDC
Output	4~20mA(2Wire)
Electrical Connection	Cable Gland

Physical

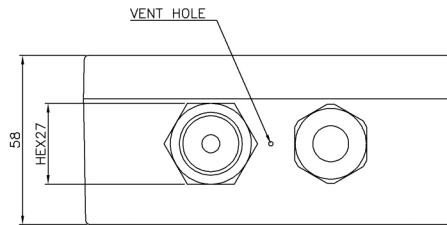
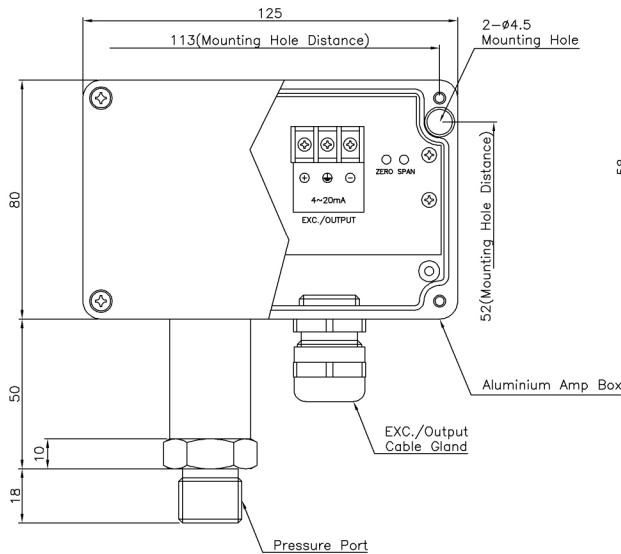
Proof Pressure	300%FS Max.
Burst Pressure	500%FS Min.
Vibration	49.1m/s ² {5G}, 10~500Hz
Shock	490m/s ² {50G}
Pressure port	R(PT)1/4", G(PF)1/4", R(PT)3/8", G(PF)3/8", R(PT)1/2", G(PF)1/2"
Media-Wetted Materials	Stainless Steel 316L, VITON
Weight	Approx. 700g

* Specifications are subject to change without notice

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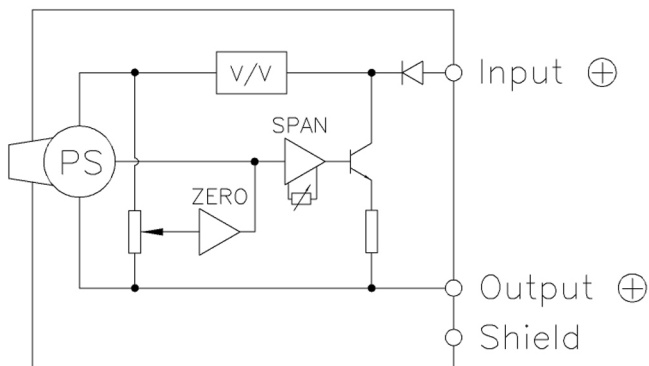


Dimension



No.	Connections
	2Wire
+	Input ⊕
⊕	Earth
-	Output ⊕

Internal Circuit Diagram



Ordering Information

Model Name	QCN	H	0100	R	A	S	G	Type of Pressure Measurement
Output								G : Gauge J : Absolute
Pressure Range								Connecting Methods S : Cable Gland
								Pressure port A : R(PT)3/8" D : G(PF)1/4" B : G(PF)3/8" E : R(PT)1/2" C : R(PT)1/4" Q : G(PF)1/2"
								Pressure Unit R : kPa M : MPa B : bar K : kgf/cm ² P : psi H : mmHg C : cmH ₂ O

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