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> P049 Pressure Transmitter



P049 Pressure Transmitter

Model : P049

Output : 4 ... 20 mA(12 ... 36 V)

Measuring range : -1 ... 0 ... 0.2 ... 1000 bar

Pressure type : Relative pressure / Absolute pressure

IP rating : IP65

Inquiry

Features

- High performance diffuse silicon piezoresistive sensor adopted
- Used for the pressure measurement for multiple kinds of medium such as gas, liquid, etc.
- Wide pressure ranges
- Optional digital display
- Optional multiple kinds of output signals

Applications

Industrial field control / Oil field / Heavy industry / Chemical industry / Gas pipe network / Water supply pipe network

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Datasheet

(uploadfiles/429/Product/Catalog/eyc-p049_zh-tw_zh-cn_en_20200218.pdf)



Manual

(uploadfiles/429/Product/Operation-Manual/eyc-p049-operation-manual_zh-tw_zh-cn_en_20200624.pdf)

Specification

Measuring range : -1 ... 0 ... 0.2 ... 1000 bar
 Pressure type : Relative pressure / Absolute pressure
 Output : 4 ... 20 mA(12 ... 36 V)
 Operating Temp. : -20°C ... 85°C
 Medium Temp. : -20°C ... 85°C
 Storage Temp. : -40°C ... 125°C
 Zero Temp. coefficient : $\pm 1.5\%$ F.S.(at -20°C ... 85°C)
 Sensitivity Temp. coefficient : $\pm 1.5\%$ F.S.(at -20°C ... 85°C)
 Over pressure : 150%F.S. ... 300%F.S.
 Mechanical vibration : 20 g(20 ... 5000 Hz)
 Shock : 100 g(11 ms)
 Comprehensive accuracy : 0.5%
 Insulation : 100 MΩ / DC 250 V
 Response time : ≤ 1 ms(Up to 90%F.S.)
 Long-term stability : $\pm 0.2\%$ F.S. / Year
 EMC surge : (IEC61000-4-5)2 kV
 EMC static : (IEC61000-4-2)contact discharge 8 kV, air discharge 15 kV
 IP rating : IP65
 Material : Low copper aluminum alloy(Housing) / S.S.316L(Diaphragm)
 Medium compatibility : All the medium compatible with S.S.316L

Note : Design and specifications are subject to change without notice.

Note : If the product has RS-485 function, to avoid damaging product, please make sure the product and the device which connect with RS-485 are on common ground.



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