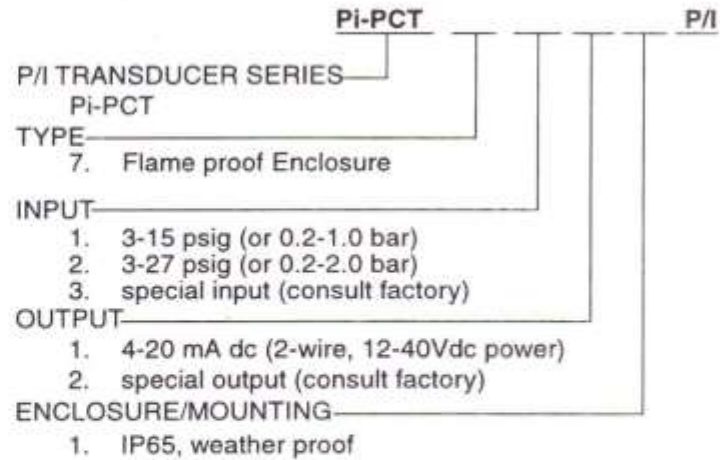


Pressure to Current

Transducer Catalog



- IP 65, weather proof enclosure
- accuracy $\pm 0.15\%$
- 3-15 or 3-27 psi input
- 4-20 mA dc, 2-wire output
- Flame proof Gr. IIA, B or C
- Intrinsically safe Gr. IIA, B or C
- CMRS Certified



Specifications

Input:

3-15 or 3-27 psig standard (Other ranges available)

Output:

4-20 mA dc 2-wire

Power Supply:

12 to 40 Vdc required

Max. Loop Load:

600 ohm with 24 vdc, 1400 ohm with 40 Vdc power supply

Accuracy:

$\pm 0.15\%$ of span typical (including linearity, hysteresis and repeatability per ISA-S51.1)

Repeatability:

0.1% of span

Hysteresis:

negligible

Power Supply Effect:

less than 0.002% of span per volt typical

Operating Temperature Range:

20° to 150°F (-7 to 66°C)

Ambient Temperature Effect:

$\pm 1\%$ zero shift per $\pm 50^\circ$ F change. $\pm 1\%$ span shift per $\pm 50^\circ$ F change

Calibration Adjustments:

Zero 0-7 psig (multi turn pots)

Span $\pm 50\%$ (multi turn pots)

Input Connection:

1/4" NPT (F)

Output Connections:

Screw Terminals for 2.5 Sq. mm wire.

Electrical Conduit Connection

1/2" fnt

Mounting:

Flat mounting

2" Pipe adaptor

Weight:

Approx: 3.4 Kg.

Manufactured under technical collaboration with

BRANDT INSTRUMENTS U.S.A.

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