

PRESSURE SENSOR



FEATURES

- Ceramic wafer
- Thermal compensation
- Zero span adjustment
- Electromagnetic Compatibility
- High performance

1. MODEL: PFS - P - [Color] - [Color] - [Color] - [Color] - [Color] - [Color]

Example: PFS-P-G010-A1A-20B-1

G : Gauge Pressure

A : Absolute Pressure

Range

Pressure Kg/cm ²	-1~0	-1~1.5	-1~5	0~1	0~5	0~10
NO	100	115	150	001	005	010

Pressure Kg/cm ²	0-25	0-60	0-100	0-250	0-400	0-600
NO	025	060	0100	0250	0400	0600

2. SPECIFICATION

- Range : -1~600kg gauge/absolute
- Pressure connection : 1/8" NPT, 1/4"NPT, 1/8"PT
- Pressure limit : 2 x nominal
- Sealing material : FPM, NBR, EPDM, MVQ
- Burst pressure : 3 x nominal
- Input resistance : 10KΩ
- Accuracy : ±0.5% F.S., (±0.25% F.S. optional)
- Response time : 5ms
- Operating temperature : -25~85°C, -25~125°C optional
- Enclosure protection : IP65/Nema 4x (IP68 optional)
- Excitation : 10-32 VDC
- Output : 0-5VDC, 0-10 VDC, 0-20 mA, 4-20mA
- Adjustment : Zero/Span ±15%
- Sensing element : Ceramic wafer
- Housing material : 304 Stainless steel
- Electrical connection : DIN 43650
- Wetted parts : 304 Stainless steel
*316 stainless steel
*brass or ptfе

3. WIRING

Output	Red	Black	White
V	+v	-v	Output
A	+v	-v	N/C

Accuracy

- ±0.5% F.S
- ±0.25% F.S

1
2

Wetted Parts

- 304 Stainless
- 316 Stainless
- Brass
- Ptfe

A
B
C
D

Output

- 2 wire 0-20mA 20
- 2 wire 4-20mA 21
- 3 wire 0-5V 30
- 3 wire 0-10V 31

Electric Connection

- DIN 43650- A IP65
- FLEX Protecting Cable 1.5M IP68
- SHUTTER Type Cable 1.5M IP68

A
B
C

Pressure Connection

- 1/4"PT 0
- 1/4"NPT 1
- 1/2"NPT 2

Sealing Material

- FPM Viton (Fluoro-Elastomer)
- EPDM Ethylene Propylens
- NBR Nitrile Butadiene
- MVQ Silicone Polymer
- CR Chloroprene

A
B
C
D
E