

General Industrial Pressure Transducer

Performance

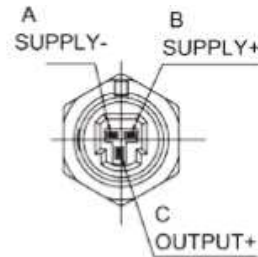
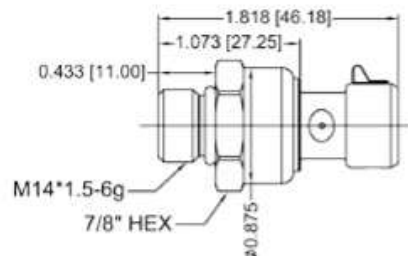
Pressure range(FS)	30~150 psi
Accuracy(BFSL)	±1.0%
Error	±3.0% FS TEB
Zero offset	±2.0% FS
Stability(typical)	±0.25% FS/year
Load resistance	>10Kohm

Environmental

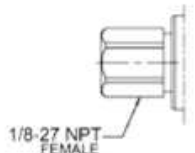
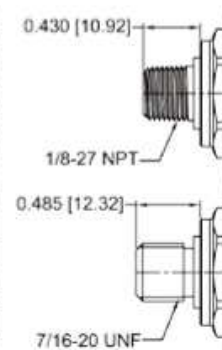
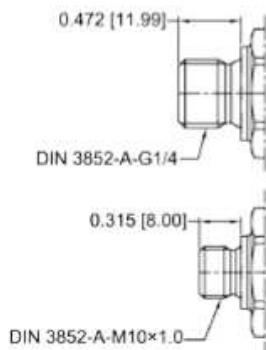
Compensated temperature	-20 to 85°C
Operate temperature	-40 to 100°C
Storage temperature	-40 to 125°C
Burst pressure	3 * FS
Proof pressure	2 * FS
Wetted parts	Ceramic
Connector	DIN43650
Vibration limit	20 g@10~2000Hz
Shock limit	IEC 60068-2-27, 50 g, 11 ms pulse
Pressure cycles	4 million FS cycles
Sealing	IP67

Electrical

Output type	B (Ratiometric)	D (1.0~5.0VDC)	E (0.5~4.5VDC)	G (0~5VDC)
Supply Voltage	4.75 ~ 5.25 VDC	9 ~ 32 VDC	9 ~ 32 VDC	9 ~ 32 VDC
Output	0.5 ~ 4.5 VDC	1.0 ~ 5.0 VDC	0.5 ~ 4.5 VDC	0 ~ 5 VDC
Supply Current	< 3 mA	< 3 mA	< 3 mA	< 3 mA
Over Voltage Protection	16 V			
Reverse Polarity Protection	-16 V	-16 V	-16 V	-16 V



Pin A	Supply-
Pin B	Supply+
Pin C	Output



Features

- Gauge/Seal gauge Pressures
- 3.0 % Total Error Band
- Low cost
- ASIC Temperature Compensated

Application

- Process Control & Automation
- Water, waste water
- Air compressor

Ordering Information

P4401A-B-30-G-1-1

Housing:
A=316 SS
B=Brass

Range(30/50/75/150 in PSI)

Output type:
B=0.5~4.5V(Ratiometric)
D=1.0~1.5V
E=0.5~4.5V
G=0~5V

Pressure type:
G=Gauge
S=Sealed gauge

O-ring material:
1=FKM
2=NBR
3=HNBR
4=CR
X=Special

Port type:
A=1/8-27 NPT
B=1/4-18 NPT
C=DIN3852-A-G1/4
D=DIN3852-E-G1/4
E=DIN3852-A-M10*1.0
F=DIN3852-A-M12*1.5
G=7/16-20 UNF
H=DIN3852-A-M14*1.5
I=1/8-27 NPT-Female
X=Special