

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

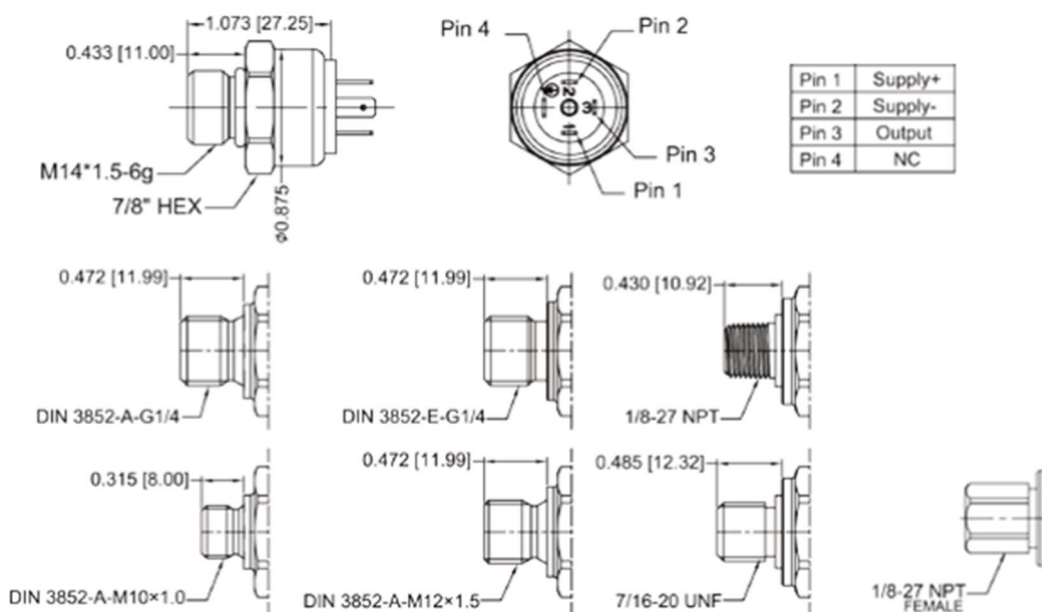


Features

- 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

P4402A-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
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