



High accuracy pressure transmitter

Performance

Pressure range(FS)	0.2~300 bar
Accuracy(nonlinearity+hysteresis+repeatability)	±0.1% FS
Zero offset(@25°C)	±0.5% FSO
Zero stability(typical)	±0.2% FS/year
Span stability(typical)	±0.1% FS/year
Response frequency	>1KHz
Insulation resistance(@250V)	>50MΩ

Environmental

Operate temperature	-20 to 85°C
Compensated temperature	-10 to 70°C
Overload	>2 * FS
Wetted parts	1/4 NPT/BSP
Vibration limit	20 g@10~2000Hz
Shock limit	100 g, 11ms pulse
Media	#316L or #304 SS compatible
Housing	#304 SS
Pressure cycles	10 million FS cycles
Sealing(cable)	IP67
Sealing(connector)	IP65
Electrical connection	Hirschmann connector

Total error band including: Zero, Span, Non-linearity, Temperature error within compensated temperature range.

EMC: EN55022:ClassA&B; Meet IEC61000-4-2; IEC61000-4-3;

IEC61000-4-4; IEC61000-4-6; IEC61000-4-9

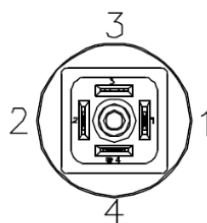
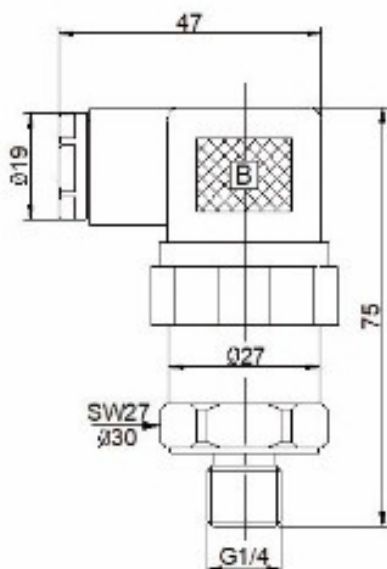
Output type	B (Ratiometric)	C (4~20mA)	H (1~5VDC)
Supply Voltage	8 ~ 30 VDC	8 ~ 30 VDC	8 ~ 30 VDC
Output	0.5 ~ 4.5 VDC	4 ~ 20 mA	1~ 5 VDC
Supply Current	< 3 mA	< 30 mA	< 3 mA
Zero Output	0.5 VDC	4 mA	1VDC
Full Scale Output	4.5 VDC	20 mA	5 VDC

Features

- Connector output
- Oil filled MEMS base
- Range: 0.2 to 300 bar
- Wide supply voltage compatible
- Digital thermal compensated
- Small size
- Total error band<0.50%(typical)
- EMC protection

Application

- Process Automation & Control
- Energy and Water Management
- Engine & vehicle
- Hydraulic/Pneumatic Control Systems



Type	B	C	H
Pin1	Supply+	Supply+	Supply+
Pin2	Supply-	Output	Supply-
Pin3	Output	NC	Output
Pin4	NC	NC	NC

Ordering Information

P3601B-10BG-H

Output type:
B= 0.5~4.5V(Ratiometric)
C= 4~20mA
H= 1~5V

Port type:
C=DIN3852-A-G1/4
D= DIN3852-E-G1/4
H=M20*1.5

Range(0.2/0.35/0.6/1/1.6/2.5/4/6/10/
16/20/25/35/50/70/100/200/300 in bar)

Reference type:
G= Gauge pressure