



FLUSH DIAPHRAGM PRESSURE TRANSMITTER

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Measuring Principle

A flush diaphragm pressure transmitter uses HT series piezoresistive silicon oil-filled sensor which have flush diaphragm as sensing element. Output signal transferred to standard output signal via integrated amplify circuit. Mainly apply in the fields those require high sanitary conditions.



Feature

- Wide range, full stainless steel, Flush diaphragm.
- Various output signal
- Scene adjustable
- Protection: IP65
- Marking: ExiaIICT6
- CE certification

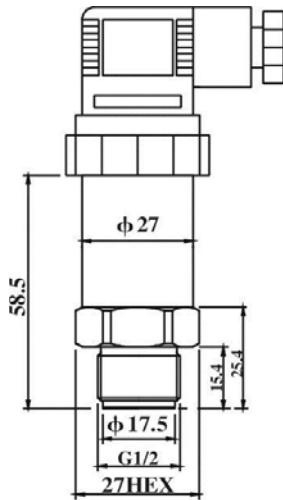
Application

- Noncorrosive gases & liquids
 - Medical treatment
 - Biological products
 - Chemical Industries
 - Food & Beverage Industries
 - Water pipeline
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Specification

Measurement Range	0~35KPa. . . ~20MPa	
Proof pressure	≤1.5X rated pressure or 110MPa which ever is less	
Pressure type	Gauge, absolute ,sealed gauge	
Accuracy	±0.5%	
Long term stability	±0.1%F.S/year (Typical)	±0.2%F.S/year (Max.)
Temperature Error- Zero	±0.03%F.S/° (≤100KPa)	±0.02%F.S/° (> 100KPa)
Temperature Error -Span	±0.03%F.S/° (≤100KPa)	±0.02%F.S/° (> 100KPa)
Operating Temperature Range	-20~80	
Storage Temperature Range	-40~120	
Power supply	15 ~ 28VDC	
Output signal	4 ~ 20mA 0 ~ 10/20mA 0/1 ~ 5VDC	
Pressure port	M20×1.5 G1/2	
Housing material	1Cr18Ni9Ti stainless steel	
Diaphragm material	316L	
O-ring	Fluororubber	
Cable	Polyethylene	
Insulation resistance	100MΩ	100VDC
Protection	IP65	

Dimension (unit: mm)



FDPT	Flush Diaphragm Pressure Transmitter
Pressure Type	
G	Gauge
A	Absolute
Pressure Range	
1001	0~1.0 bar
1002	0~10 bar
1003	0~100 bar
1601	0~1.6 bar
1602	0~16 bar
1603	0~160 bar
2501	0~2.5 bar
2502	0~25 bar
2503	0~250 bar
4001	0~4.0 bar
4002	0~40 bar
X102	-1~0 bar
6001	0~6.0 bar
6002	0~60 bar
xxxx	Customer
Output Signal	
A	4-20mA
B	Customer
Pressure Connection	
1	1/4" PT
2	1/4" NPT
3	1/2" NPT
9	Customer



Bont Technologies GmbH

Salzstr. 1

21335 Lüneburg

www.bont-tech.com info@bont-tech.com/level@bont-tech.com

Distributor:

LKS West Instruments Sdn Bhd^(834286-T)

No. 50-2, Jalan Sungai Rasau D32/D,
Berjaya Park, Seksyen 32, Shah Alam
40460, Selangor, Malaysia

Tel: +603-5525 5038

Fax: +603-5525 5037

Email: sales@lkssb.com.my