

Pressure Transmitter



Product Parameters

Range	-100kPa...0~35kPa...100MPa
Pressure type	Gauge pressure,absolute pressure,sealed pressure
Accuracy	0.5%FS
Temperature drift	35kPa:±2%FS (0°C~60°C) other:±1.5%FS (20°C~80°C)
Respond time	≤1ms
Lifespan	≥1*10 pressure cycle
Environment temperature	-20°C~85°C
Medium temperature	-30°C~105°C
Storage temperature	-40°C~125°C
EMC	Anti interference and radiation degree: IEC-61000-6-2 & IEC-61000-6-3
Insulation resistance	≥100MΩ/500VDC (200MΩ/250VDC)
Vibration features	Sinusoidal curve:20grms 25Hz~2KHz IEC 60068-2-6 Radom:7.5grms,5Hz~1KHz, IEC 60068-2-64
Impact resistance	Current output: AC 500V 1 min/voltage output:AC250V 1 min
Electrostatic	IEC61000-4-2 level 4
Explosion proof grade	Exia II CT6 (only for 4~20mA)
Weight	180g

Output & Power supply

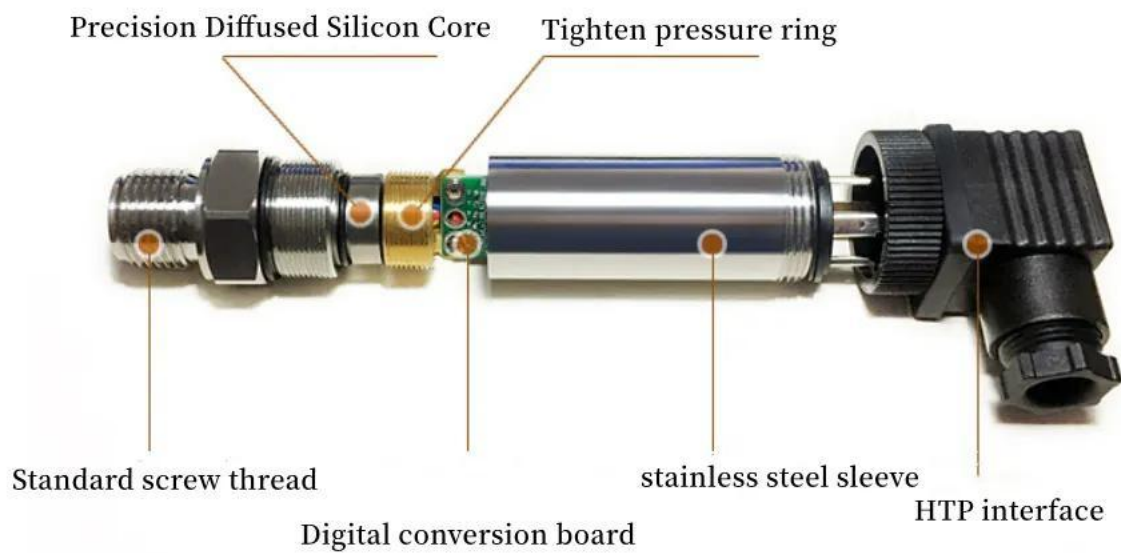
Number	B1	B3	B2	B7	B12	B6
Output	4~20mA	0~5V	1~5V	0~10V	1~10V	0.5~4.5V R/M
Power supply	DC 12V-30V	DC 12V-30V	DC 12V-30V	DC 12V-30V	DC 12V-30V	DC 5V

Range

Range code	Pressure type	Range	Overload pressure	Burst pressure
35K	G/A	0~35KPa	300% FS	600% FS
70K	G	0~70KPa	300% FS	600% FS
100K	G/A	0~100KPa	200% FS	500% FS
250K	G/A	0~250KPa	200% FS	500% FS
400K	G/A	0~400KPa	200% FS	500% FS
600K	G/A	0~600KPa	200% FS	500% FS
1M	G/A/S	0~1MPa	200% FS	500% FS
1.6M	G/S	0~1.6MPa	200% FS	500% FS
2.5M	G/S	0~2.5MPa	200% FS	400% FS
4M	S	0~4MPa	200% FS	400% FS
6M	S	0~6MPa	200% FS	400% FS
10M	S	0~10MPa	200% FS	400% FS
16M	S	0~16MPa	200% FS	400% FS
25M	S	0~25MPa	150% FS	300% FS
40M	S	0~40MPa	150% FS	300% FS
100M	S	0~100MPa	150% FS	300% FS
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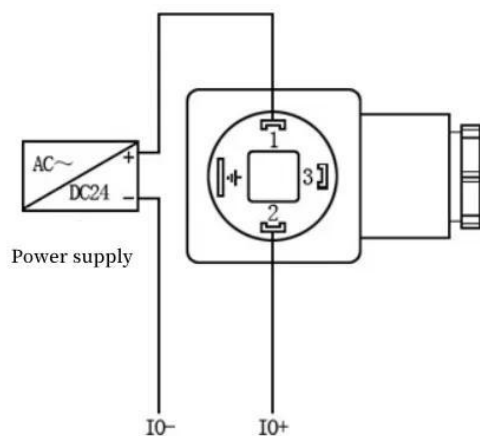
Remark: G: Gauge pressure; S: Sealed pressure; A: Absolute pressure

Detail Image

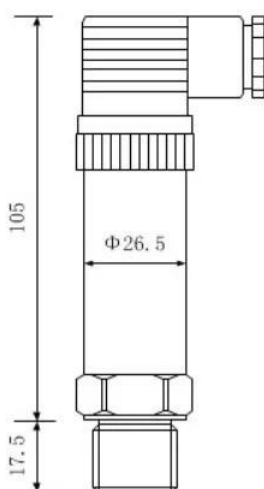
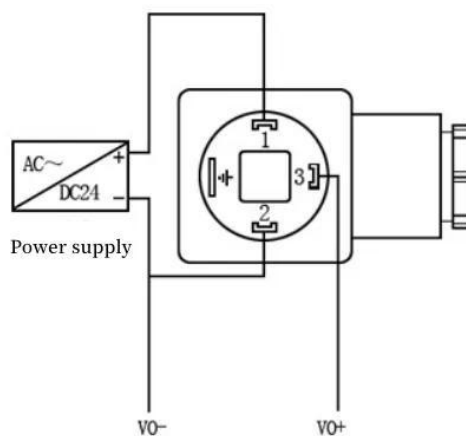


Wiring description

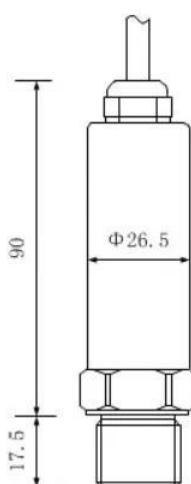
Current output type



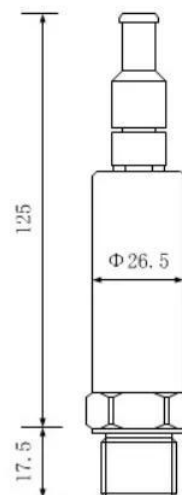
Voltage output type



Hirschmann type



Direct lead type



Aviation plug type