

**Feature**

- ☆ ±0.5 F.S Accuracy
- ☆ Ceramic sensor from Germany
- ☆ Digital Calibration
- ☆ Compact structure
- ☆ Multiple connectors and ports
- ☆ Multiple output signal
- ☆ CE, RoHS approved

**Application**

- ☆ Gas dispenser
- ☆ Refrigerating machine
- ☆ Petrochemical industry
- ☆ Automatic detecting system
- ☆ Hydraulic pressure station
- ☆ Industrial process control

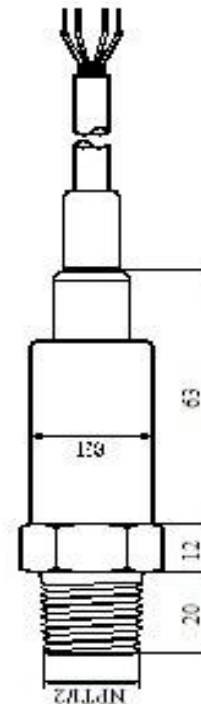
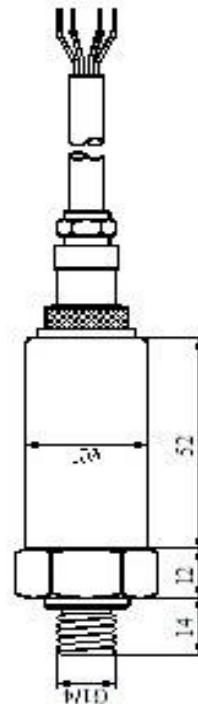
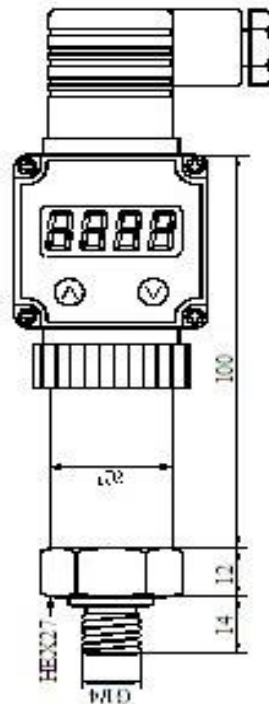
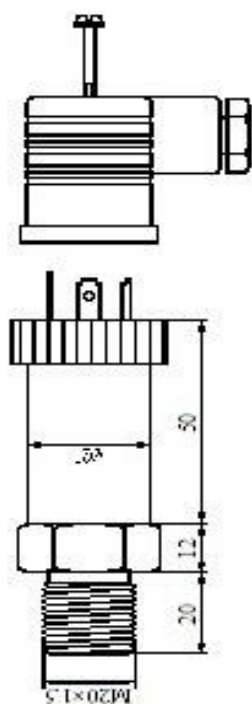
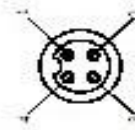
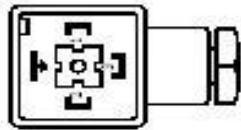


**Description**

VL-PT1000 series of pressure transmitters feature mass production, low cost, compact structure, simple installation.

The products are widely used to measure pressure of gas, liquids, oil etc. Stainless steel housing are ideal for industrial environment pressure sensing elements are selected from well known international brands. Special circuits are adopted to adjust zero and full range conveniently.

VL-PT1000 series are produced according to military standards of advanced design. Customized products are also available.



## Technical parameters

Parameter	Value				Note
Measurement range	0~0.1Mpa.....60Mpa				1Mpa=10bar
Overload pressure	1.5 * pressure range				
Broken pressure	2.5 * pressure range				
Accuracy	±0.5% F.S				
Stability	Typical 0.25% F.S, maximum: 0.4% F.S				
Operating temperature	- 40 to +85°C				
Compensation temperature	- 10 to +70°C				
Medium compatibility	Corrosive medium compatible with SS303,Ceramic				
Wires	Two-wire	Three-wire			
Output signal	4-20mA	0-5V	1-5V	0.5-4.5V	0-10V
Supply voltage	10-30Vdc	10-30Vdc	5V(ratio)	12-30Vdc	
Load resistance	(U-10)/0.02(Ω)	> 20KΩ			
Insulation	> 100MΩ@50V				
Electrical connection	DIN43650A, M12, Cable				
Shell/Wire protection	IP65				
Pressure form	Gauge G, Absolute A				
Pressure port	G1/2 G1/4 NPT1/4 M20×1.5 7/16-20UNF				
Response time	10ms				
Certification	CE, Intrinsically safety explosion E, Isolated explosion-proof D				
EMC	EMI:EN50081-1/-2, EMS:EN50082-2				

### Type Selection Guide

