
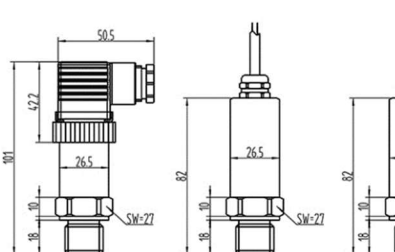
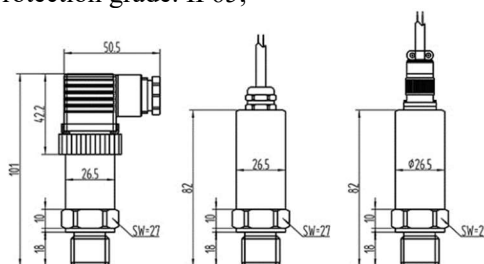


## Product features



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  - Measuring range: -100KPa~60Mpa;
  - Accuracy grade: Level 0.1, 0.2 and 0.5;
  - Ambient temperature: -40~80°C;
  - Long-term stability: Preceding 0.1%F. S/year;
  - Operating voltage: 12.5~36VDC;
  - Associated apparatus: LB802;
  - Range transfer: 10:1 transfer of standard range can be conducted;
  - Influence of vibration: 200Hz/g is 0.01%F. S on any axis;
  - Transmitter protection grade: IP65;
  - Explosion proofing: iaIICT4, intrinsic safety type;
  - Medium temperature: -40~125°C (temperature compensation: -20~80°C);
  - Material: The enclosure is of die cast aluminum;
  - Output signal: 4-20mA(two-wire system)/0/1-5VDC (three-wire system);
  - The diaphragm is of 96% aluminum oxide ceramics;
  - The process connector is of 316L stainless steel;
  - Sealing ring: Butadiene acrylonitrile rubber, silicone rubber and fluororubber;
  - Special V / I integrated circuit, a few peripheral components, high reliability, simple and easy maintenance, small volume, light weight, and extremely convenient installation and commissioning;
  - Aluminum alloy die cast enclosure, three-terminal isolation, electrostatic spray protective layer and sturdy and durable;
  - 4-20mA DC two-wire system signal transmission, strong capacity of resisting disturbance and long transmission distance
  - Head of three dial indicators (such as LED, LCD and pointer) and very convenient on-site reading. Used for measuring the viscous, crystalline and corrosive media;
  - High precision and stability. In addition to imported original sensor modified with laser, the comprehensive temperature drift and nonlinearity within the using temperature range are subject to fine compensation for the whole machine, thus the nonlinearity is small and the temperature stability is good within the using temperature range;
  - The resistance to overload and impact is strong, the overvoltage can reach to several times of the measuring range, and the measuring element won't be damaged by striking it directly with a hard object without effect on the measurement accuracy; The pressure transmitter is of high stability, and better than 0.1% full range every year. The technical index has reached the level of intelligent pressure instrument; The temperature drift is small. The mediation liquid in the pressure measuring element is cancelled, so the sensor not only achieves a high measurement accuracy and the influence of temperature gradient on it is minimal; Wide application, convenient installation and maintenance and pressure transmitter installed in any position.



## Product model selection

|        |  |  |  |                 |                 |             |           |                              |  |            |  |
|--------|--|--|--|-----------------|-----------------|-------------|-----------|------------------------------|--|------------|--|
| PTC-GP |  | Pressure (differential pressure) transmitter   |  |                 |                 |             |           |                              |  |            |  |
|        |  | Type   |  |                 |                 |             |           |                              |  |            |  |
|        |  | 0 General type   |  |                 | 1 Delicate type |             |           | 2 Differential pressure type |  |            |  |
|        |  | Anti-explosion<br>N Ordinary non-explosion-proof type<br>E Flame-proof type EXDIIBT4<br>I Intrinsic safety type EXIAIICT |  |                 |                 |             |           |                              |  |            |  |
|        |  | Measuring range  |  |                 |                 |             |           |                              |  |            |  |
|        |  | 1 0-35kPa  |  | 2 0-100kPa      |                 | 3 0-200kPa  |           | 4 0-350kPa                   |  | 5 0-700kPa |  |
|        |  | Precision  |  |                 |                 |             |           |                              |  |            |  |
|        |  | A 0.1F·S   |  | B 0.25%F·S      |                 |             | C 0.5%F·S |                              |  |            |  |
|        |  | Process connection   |  |                 |                 |             |           |                              |  |            |  |
|        |  | 1 M20x1.5  |  | 2 1/2 NPT       |                 |             | 3 G ½     |                              |  |            |  |
|        |  | Gauge head   |  |                 |                 |             |           |                              |  |            |  |
|        |  | 0 No gauge head  |  | M1 0~100% scale |                 | M2 3 1/2LED |           | M3 3 1/2LCD                  |  |            |  |
| PTC-GP |  |  |  |                 |                 |             |           |                              |  |            |  |