BOSEAN

HOTLINE: **+86 15638559732**
www.boseanrangefinder.com

Pressure transmitter

BH-TP01

BH-2088

Technical Parameters

Pressure type:	gauge pressure, absolute pressure	**Sensor core:**	316L
Accuracy:	±0.5%FS; ±0.25%FS; ±0.2%FS; ±0.1%FS	**Isolation membrane:**	316L（customizable with other materials）
Range:	-100kPa…0 ~ 500Pa…60MPa	**Protection level:**	IP65
Long term stability:	≤0.2%FS/ year	**Pressure overload:**	twice the upper range limit
Temperature drift:	≤0.02% FS / ℃（with in the range of 0-70 ℃）	**Working temperature range:**	-20℃~85℃
Error accuracy:	± 0.2% of the measuring range	**Storage temperature range:**	-40℃~120℃
Start time:	2 seconds without heating required	**Temperature range:**	0-100% relative humidity

Quality Innovation Service

Pressure transmitter

Adopt imported high-quality pressure transmitters, use dedicated integrated modules, and precise temperature, zero point, full scale, and nonlinear compensation to achieve accurate measurement and transmission of pressure changes of liquids, gases, steam and other media.

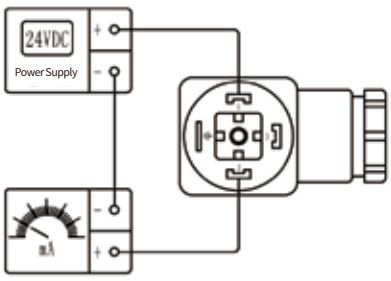
The product is widely used in the process control field of industries such as petroleum, chemical, metallurgy, power, food, papermaking, medicine, machinery manufacturing, and scientific experiments.

Our company has a wide range of product types, including pressure, differential pressure, hydraulic, temperature and other process monitoring instruments, which can meet the needs of customers in different scenarios.

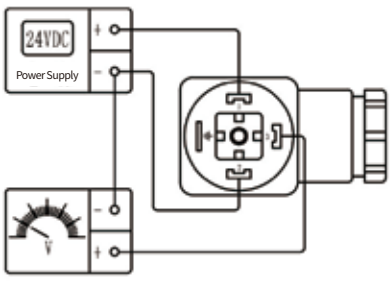
Product Features

- Adopting imported silicon piezoresistive sensors
- A variety of electrical connections are optional
- Range coverage -100kPa…0 ~ 500Pa…60MPa
- Good Resistance To Vibration And Impact
- Two wire current and three wire voltage output
- Small size and easy to install

Electrical wiring diagram



Two wire current system



Three wire voltage system

Attention:

1. Do not touch the film with hard objects, as it may cause damage to the insulation film
2. Before installation, please read the product manual carefully and verify the relevant information of the product
3. Strictly follow the wiring method, otherwise it may cause product damage and other potential faults

BOSEAN TECHNOLOGY

☎ +86 371-86533226 ✉ sales@bosean.com

Block 10. Yida New Park No. 16 JinZhan Road, High-Tech zone, Zhengzhou, Henan Province.