

## PRESSURE TRANSMITTER

### DPT SERIES - UNIVERSAL INDUSTRY TYPE

Pressure Measurement  
& Monitoring



#### DESCRIPTION

The digital pressure transmitter is produced with proprietary technology, adopting imported silicon sensitive elements as well as normalized designed circuits and assembling technology to ensure product progressiveness, practical use, and quality stability. The compact and rugged design is easy to install and user-friendly.

This standard product may widely be used for all kinds of application, including harsh environment and corrosive media. The overloading capacity is 2 times of FS pressure for range less than 10MPa; where over pressure for 100MPa and above is designed with 1.5 times of FS pressure.

#### TECHNICAL FEATURES

#### FEATURES

- ✓ Gauge pressure or Absolute pressure
- ✓ Fast response time
- ✓ Stainless steel 316 welded
- ✓ Light weigh in compact design
- ✓ Various output signal as option

<b>Range</b>	-100kPa ~ 0 ~ 5kPa ... 100 MPa (or as requested)
<b>Pressure type</b>	Gauge pressure or Absolute pressure
<b>Sensor membrane</b>	SS 316L
<b>Measured medium</b>	Gas or liquid compatible with SS 316L
<b>Overall accuracy</b>	±0.25% F.S
<b>Output signal</b>	4-20mA (two-wire) / 1-5V DC / 0-5V DC / 0.5-4.5V DC
<b>Supply voltage</b>	24V DC
<b>Operating temperature</b>	-40- to 85 °C
<b>Load resistance</b>	≤ (U-12) / 0.02Ω
<b>Response time</b>	≤ 2 ms
<b>Enclosure protection</b>	IP54
<b>Vibrating tolerance</b>	≤ ± 0.01% FS (Axles X, Y, Z, 200Hz/g)
<b>Threaded connection</b>	½" BSP threaded male
<b>Electrical connection</b>	Hirschmann connector

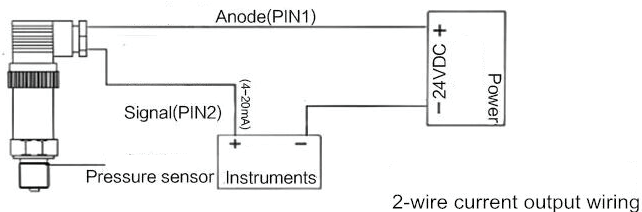
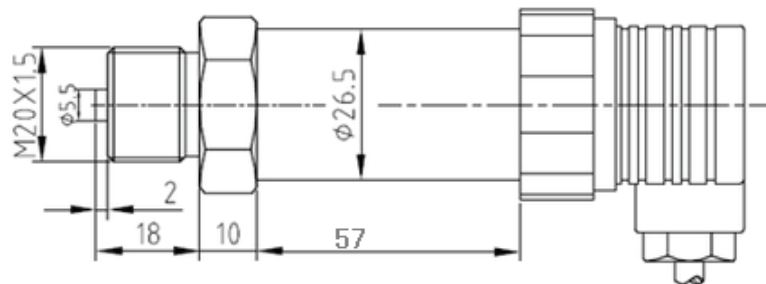
I-SYSTEM MEASUREMENT  
[www.ismesb.com](http://www.ismesb.com)



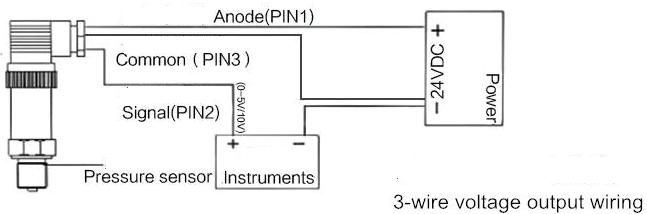
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**301/032**

**DIMENSION/DRAWING**



Direct wiring Red:24V+ Green or Blue: current output



Direct wiring Red:24V+ Green or Blue: Power- Yellow:voltage output

