

# Model PSR

4~20mA Output Low Cost Pressure Transmitter

## Description

The PSR model which is pressure transmitters feature high quality, high stability, small size, low weight, compact structure, low cost and mass production. Stainless steel body are ideal for industrial environment.

## Features

- ▶ CE Certified
- ▶ 4~20mA(2wire) Output
- ▶ Measuring range 0~3.5 ... 500bar
- ▶ 0.5%FS accuracy
- ▶ Piezoresistive silicon cell
- ▶ Stainless steel media-wetted materials

## Applications

- ▶ Process control
- ▶ Hydraulics & pneumatic system
- ▶ Gas monitoring
- ▶ Compressor
- ▶ Refrigerator

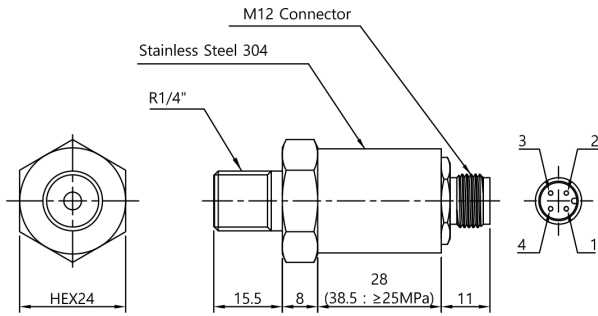


## Specifications

Range	0~3.5, 7, 10, 16, 20, 30, 50, 100, 250, 350, 500bar(Gauge)
Accuracy	±0.5%FS
Hysteresis	±0.1%FS
Repeatability	±0.1%FS
Thermal Effect	±1.5%FS (-20 ~ 85°C)
Compensated Temperature Range	-20 ~ 85°C
Medium Temperature Range	-30 ~ 105°C
Excitation	12 ~ 36Vdc
Output	4~20mA(2Wire)
Electrical Connection	M12 Connector, Mini DIN Connector, Cable
Proof Pressure	150%FS
Burst Pressure	300%FS
Pressure Port	R1/4"
Media-Wetted Materials	Stainless Steel 304/316L
Protection	IP55

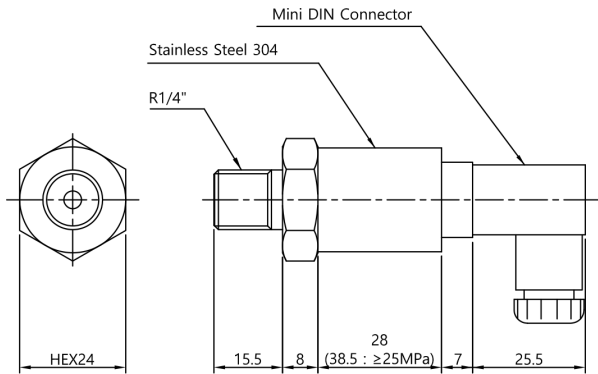
## Dimension

### ▶ M12 connector Type



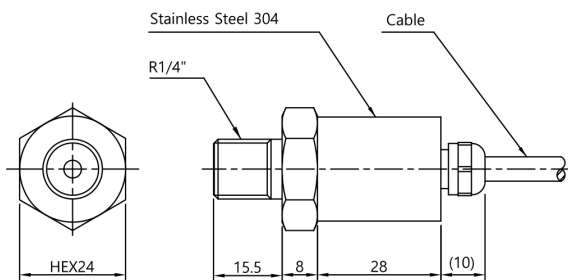
Pin No.	Connections
1	Input ⊕
2	Output ⊕
3	x
4	x

### ▶ Mini DIN connector Type



Pin No.	Connections
1	Input ⊕
2	Output ⊕
3	x
⊥	x

### ▶ Cable Type



Wire Color	Connections
Red	Input ⊕
Green	Output ⊕

## Ordering Information

Model Name	PSR	H	0010	B	C	M	G	Type of Pressure Measurement
Output								G : Gauge
Pressure Range								Connecting Methods
Pressure Unit								Pressure port

H : 2Wire 4~20mA  
 XXXX : Pressure  
 B : bar  
 E : M12 connector  
 M : Mini DIN connector  
 S : Cable  
 C : PT1/4"