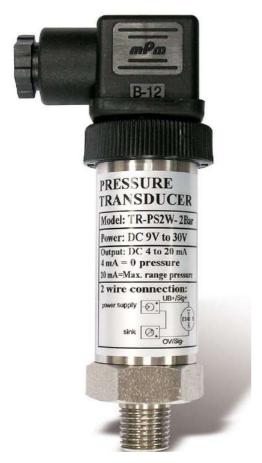
# 2 WIRES

## PRESSURE TRANSMITTER

Model: TR-PS2W-xxBAR ISO-9001, CE, IEC1010







### **FEATURES**

Model: TR-PS2W-xxBAR

\* Range: 2, 5, 10, 20, 50, 100, 400 BAR.

\* Output: 4 to 20 mA DC.

4 mA = 0 pressure

20 mA = full scale pressure

- \* 2 wires, both for signal and power supply.
- \* Precision ceramic type pressure sensor.
- \* External zero and span adjustment.
- \* Allow high cable load resistance, transmitter install far away from the controller/incator.
- \* Protection for the reverse wires connecting.
- \* TR-PS2W can cooperate the " 4-20 mA Controller/Alarm/Indicator " CT-2012 then become a pressure controller and the indicating system. The user can control and monitor the pressure value from far away.





The Art of Measurement

### **2 WIRES PRESSURE TRANSMITTER**

Model: TR-PS2W-xxBAR

SPECIFICATIONS		
Measuring range/ Model		Model
	2 BAR ( 29 PSI )	TR-PS2W-2BAR
	5 BAR ( 72.5 PSI )	TR-PS2W-5BAR
	10 BAR ( 145 PSI )	TR-PS2W-10BAR
	20 BAR ( 290 PSI )	TR-PS2W-20BAR
	50 BAR ( 725 PSI )	TR-PS2W-50BAR
	100 BAR ( 1450 PSI )	
	400 BAR ( 5800 PSI )	TR-PS2W-400BAR
Output	4 - 20 mA	
	4  mA = 0  BAR	
	20 mA = Full scale pressure	
Supply voltage	DC 9V to 30 V	
,,,,	* Protectred against reverse polarity	
Wire numbers	2 wires, bioth for signal and power supply.	
Port connector	1/4" NPT or	
	PS 1/4", 19 teeth per inch.	
	* Inclided one adapter connector that convert the 1/4" NPT to 1/4 " PS.	
Span and Zero	Span and Zero can be adjustment by multi turns VR.	
adjustment		
Span	± 1 % F.S.	
	* Within 10 $\mathcal C$ to 40 $\mathcal C$ .	
Zero	± 2 % F.S.	
	* Within 10 $^{\circ}$ to 40 $^{\circ}$ .	
Load impedance	Load up to 500 ohms.	
requirement		
Operating Temperature	-20~% to 80 $%$ ( $-4~%$ to 176 $%$ ).	
Operating Humidity	Less than 80% RH.	
Size	30 mm dia. x 85 mm ( 1.2 inch dia. x 3.3 inch ).	
Weight	160 g.	
Output connector	Socket	
Wire	2 wires :	
Connection	Connection 1 : Power + and signal	
	Connection 2 : Power -	

#### **APPLICATIONS**

- \* Measure Pneumatic Pressures.
- \* Measure Automobile Engine Vacuum Pressures.
- \* Pressure for Super Heat Measurements
- \* Hydraulic Servo controls
- \* Refrigeration
- \* Air conditioning
- \* Food Processing