



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.



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The Art of Measurement

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+989034119385

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2 WIRES PRESSURE TRANSMITTER

Model : TR-PS2W-xxBAR

SPECIFICATIONS		
Measuring range/ Model	Measuring Range	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)	TR-PS2W-100BAR
	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 * Protected against reverse polarity	
Wire numbers	2 wires, biorth for signal and power supply.	
Port connector	1/4" NPT or PS 1/4", 19 teeth per inch. * Included one adapter connector that convert the 1/4" NPT to 1/4 " PS.	
Span and Zero adjustment	Span and Zero can be adjustment by multi turns VR.	
Span	± 1 % F.S. * Within 10 °C to 40 °C.	
Zero	± 2 % F.S. * Within 10 °C to 40 °C.	
Load impedance requirement	Load up to 500 ohms.	
Operating Temperature	-20 °C to 80 °C (-4 °F to 176 °F).	
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 Connection	2 wires : 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

* Appearance and specifications listed in this brochure are subject to change without notice. 0510-TRPS2W

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