

2, 5, 10, 20, 50, 100, 400 bar

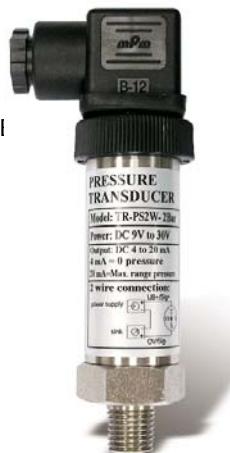
PRESSURE CONTROLLER/MONITOR

Model : PPS-9312

ISO-9001, CE, IEC1010



optional
2 WIRES PRESSURE TRANSMITTER
Model : TR-PS2W-xxBAR



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LUTRON ELECTRONIC

The Art of Measurement

PRESSURE CONTROLLER/MONITOR


Model : PPS-9312

FEATURES

* Meter connects with 2, 5, 10, 20, 50, 100, 400 bar sensor, no calibration procedures are necessary typically when change a new sensor .
* Unit select : Bar, PSI, Kg/cm ² , inch Hg, mm Hg, inch H ₂ O, meter H ₂ O, Atmosphere, hPa, KPa.
* Large red LED display, high brightness and easy to read.
* Control setting, Hi/Lo alarm setting.
* Control relay output, alarm relay output.
* Alarm Relay will make action when the reading value reach to high/low alarm value.
* Control Relay will make action when the reading value reach to control value.
* Hysteresis value setting for control and alarm function.
* Microprocessor circuit ensures high accuracy and provides special functions and features.
* Power : 90 ACV to 264 ACV, 50/60 Hz.
* Cooperate the 4-20 mA pressure input, sensor can install in the faraway position.
* DC 12V output, used for the power of pressure sensor.
* RS-232/USB computer interface.
* DIN size : 96 x 48 mm. Depth : 107 mm.
* Optional pressure sensor, TR-PS2W-xxBAR, PS93MA-xxBAR.
* Optional USB cable, USB-01.
* Optional data acquisition software.
* Optional GSM controller.

GENERAL SPECIFICATIONS

Display	4 digits red LED, digit size : 14 mm. x 10, x100 indicator
Circuit	Custom chip of microprocessor LSI circuit.
Sensor type	Can cooperate with optional 2, 5, 10, 20, 50, 100, 200, 400 bar two wires 4 to 20 mA pressure sensor, new calibration are not necessary typically when change the new sensor . * <i>Sensor type can make the internal setting with default</i>
Display units	Bar, Psi, Kg/cm ² , mm Hg, inch Hg, meter H ₂ O, inch H ₂ O, Atmosphere, hPa, KPa. * <i>Unit can make the internal setting with default</i>
Accuracy	± (0.5% + 2 d) * <i>Meter only.</i> * <i>Within 23 °C ± 5 °C</i>
Pressure sensor * <i>optional</i>	Cooperate the optional two wires (or four wires) 4 to 20 mA pressure sensors (transmitters). * <i>two wires sensor : TR-PS2W-xxBAR</i> * <i>Four wires sensor : PS93MA-xxBAR</i>
Offset adjust	It can make the internal Offset setting with default.
Gain adjust	It can make the internal Gain setting with default

Input signal from sensor	* <i>Input 4 mA = 0 pressure</i> * <i>Input 20 mA = full scale pressure</i>	
Sampling Time	Approx. 1 second.	
Relay Output	Number	2 relays
	Function	<i>Relay 1 :</i> Control relay. <i>Relay 2 :</i> High/Low alarm relay.
	Max load	0.5 ACA/250 ACV 0.5 DCA/24 DCV  * Do not apply the relay contact load current > 0.5 A, other wise the relay may be damaged permanently without warranty.
Setting Function	<i>1st layer setting procedures</i>	CtLo (Control low limit) CtHi (Control high limit) ALLo (Alarm low limit) ALHi (Alarm high limit)
	<i>Second layer setting procedures</i>	tyPE (Sensor type) FiLt (Digital filter) CtHy (Control hysteresis set) ALHy (Alarm hysteresis set) oFSt (Offset adjustment) GAin (Gain adjustment) Unit (Unit set)
External Power Supply	DC 12 V, 50 mA max.	
Data Output	RS 232 PC serial interface.	
Operating Temperature	0 to 50 °C.	
Operating Humidity	Less than 80% R.H.	
Power Supply	90 to 260 ACV, 50/60 Hz.	
Power Consumption	Approx. 5.3 VA/AC 110V. Approx. 7.3 VA/AC 220V.	
Weight	384 g/ 0.84 LB.	
Dimension	DIN size : 96 x 48 mm. Depth : 110 mm.	
Accessories Included	Instruction manual.....1 PC Case holder with screw.....2 PCs	
Optional Accessories	Two wires pressure transmitters, Model : TR-PS2W-xx BAR * Range : 2, 5, 10, 20, 50, 100 400 BAR. * Data Acquisition software, SW-U801-WIN. * RS232 cable, UPCB-02. * USB cable, USB-01. * Real time SD card datalogger DL-9602SD * GSM controller, GSM-889. * Interface cable (cable between meter to GSM-889), GMCB-89.	

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

1109-PPS9312