

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

# PRESSURE CONTROLLER/MONITOR

Model : PPS-9312

ISO-9001, CE, IEC1010

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02-2389-0101



optional

2 WIRES PRESSURE TRANSMITT

Model : TR-PS2W-xxBAR



**Lutron**

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*The Art of Measurement*

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# PRESSURE CONTROLLER/MONITOR

Model : PPS-9312

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## FEATURE

- \* 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<sup>2</sup>, inch Hg, mm Hg, inch H<sub>2</sub>O, meter H<sub>2</sub>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 SPECIFICATION

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 . * Sensor type can make the internal setting with default
Display units	Bar, Psi, Kg/cm <sup>2</sup> , mm Hg, inch Hg, meter H <sub>2</sub> O, inch H <sub>2</sub> O, Atmosphere, hPa, KPa. * Unit can make the internal setting with default
Accuracy	± ( 0.5% + 2 d ) Meter only. Within 23 ℃± 5 ℃
Pressure sensor * optional	Cooperate the optional two wires ( or four wires ) 4 to 20 mA pressure sensors ( transmitters ). * two wires sensor : TR-PS2W-xxBAR * Four wires sensor : PS93MA-xxBAR
Offset adjust	It can make the internal Offset setting with default.
Gain adjust	It can make the internal Gain setting with default
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 . * Sensor type can make the internal setting with default
Display units	Bar, Psi, Kg/cm <sup>2</sup> , mm Hg, inch Hg, meter H <sub>2</sub> O, inch H <sub>2</sub> O, Atmosphere, hPa, KPa. * Unit can make the internal setting with default
Accuracy	± ( 0.5% + 2 d ) Meter only. Within 23 ℃± 5 ℃

Pressure sensor * optional	Cooperate the optional two wires ( or four wires ) 4 to 20 mA pressure sensors ( transmitters ). * two wires sensor : TR-PS2W-xxBAR * Four wires sensor : PS93MA-xxBAR
Offset adjust	It can make the internal Offset setting with default.
Gain adjust	It can make the internal Gain setting with default

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

PPS-9312+1109

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