Model PSC5818

Wireless Bluetooth Universal Sensor Meter

App Function and Operation

Defines the measurement units and inputs the zero point and full span. Set the threshold, hysteresis that defines the switch operation. Select LCD readout orientation according to mounting direction. Press " Confirm" button to transfer all setup configuration information to the Sensor Meter and then sensor meter transfers data from the sensor in real time to the App to display on smart phone and LCD.

Features:

- Wide input power supply range for voltage mode sensors (5 to 32 volt) and current mode sensors (9 to 32 volt)
- Isolated loop power for 4-20 mA sensors
- Local display of current process pressure, temperature or other sensor output
- Four 0.6" digit integral LCD display with red LED backlight with 180 degree configurations housed in a rugged glass filled plastic case
- Display can be scaled to read PSI, Bar, Deg C, Deg F or user defined
- Programable single Form A (SPST) relay contact with user programable hysteresis / Dead-band
- Contact Rating: 0.5A 125 VAC/1A 30VDC
- User configurable set point alarm with hysteresis actively displayed on smart device
- iOS App for iPhone and iPad
- IP65, CE, FCC, ISO-9001, ROHS, Certified BLE module
- Range: Standard 15 meter, extended with optional external antenna

Applications:

- Ideal for local display of commercial, industrial pressure and temperature measurements of both gases and liquids

Optional Adaptors for DIN 43650

Optional Version with External Antenna
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Wiring Diagram for Current System

Display Unit

Sensor

M12 Connector

For 4-20mA Sensor

PIN1 Supply+
PIN2 NC
PIN3 Supply
PIN4 4-20mA Supply
PIN5 4-20mA Return
PIN6 NC
PIN7 COM
PIN8 Ground

For Voltage Sensor

PIN1 Supply+
PIN2 Voltage OUT
PIN3 Supply-
PIN4 NC
PIN5 NC
PIN6 NC
PIN7 COM
PIN8 Ground

Connection for Sensor Side

Electrical Connection 2-wires for 4-20mA Sensor

PIN1 V+
PIN2 V-
PIN3 NC
PIN4 Ground

Electrical Connection 3-wires for Voltage Sensor

PIN1 V+
PIN2 V-
PIN3 S+
PIN4 Ground

Contact rating (Res. load) 0.5A 125VAC / 1A 30VDC
Max. switching voltage 125VAC / 60 VDC
Max. switching current 2A
Max. switching power 62.5VA / 30W