

M7 Indicator

4~20mA Loop
Powered Indicator

Description

The M7 indicator is powered by a 4~20mA loop (no extra power required), and connects directly onto the 4~20mA loop using a Hirschmann plug type. The indicator can display up to 4 digits: from -1999 to 9999 with high precision. The on board industrial-grade microcontroller delivers a highly accurate reading in real time. The display can be easily configured to any application using the two buttons for setup and calibration.

Features

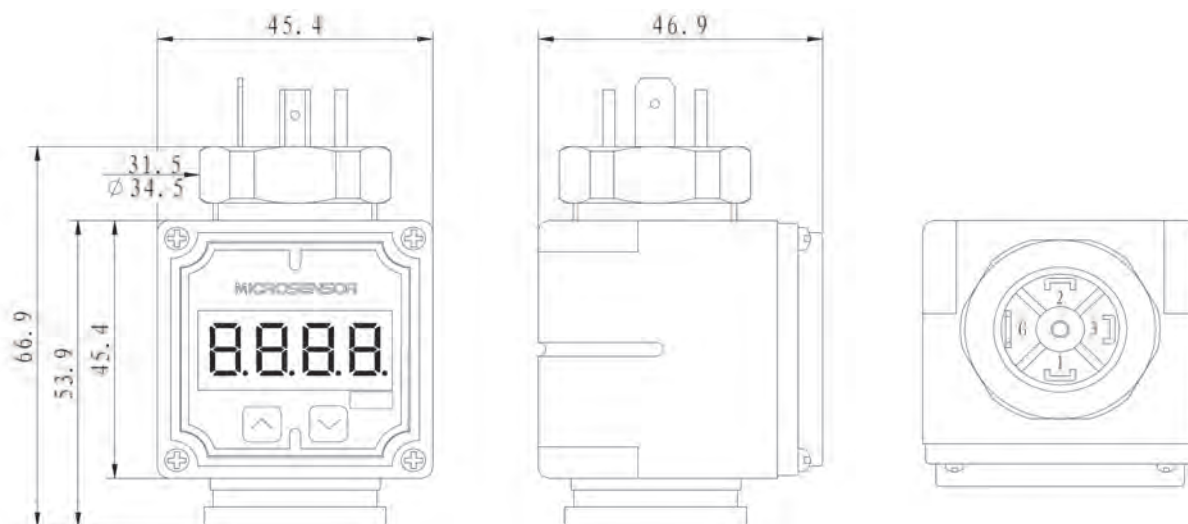
- 4~20mA loop powered input.
- 4 digit display, -1999 to 9999.
- Stable and reliable performance.
- Easy calibration via on-screen menu.
- Widely used both in bright light and dark light conditions.



Specifications

Power Supply	4~20mA DC (Loop Powered).	Operating Humidity	0%~85%RH Non Condensing.
Range	3~25mA.	Temperature Coefficient	≤80ppm/°C Typical.
Limited Range	<80mA.	Sampling rate	3 times per second.
Accuracy	±0.2%FS.	Shock	5g, 10Hz~200Hz.
Display detail	4 Digits LCD.	Impact	50g, 11ms.
Display range	-1999~9999.	Electrical connection	Hirschmann plug type.
Voltage drop	≤3.8V.	Housing	Plastic.
Operation Temperature	-10°C~60°C.	Dimensions	45.4 x 66.9 x 46.9mm (WxHxD).
Storage Temperature	-20°C~70°C.	Weight	70g.

Dimensions (mm)

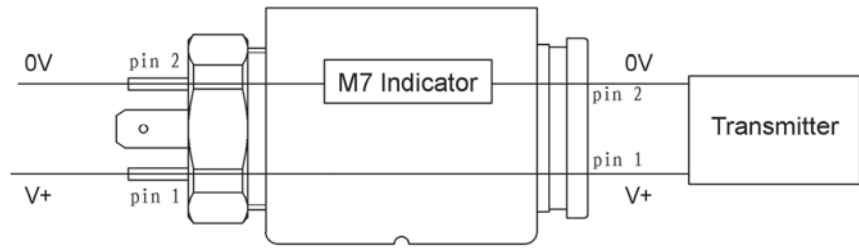


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Warning: These products are not designed for use in, and should not be used for patient connected applications. In any critical installation an independent fail-safe back-up system must always be implemented.

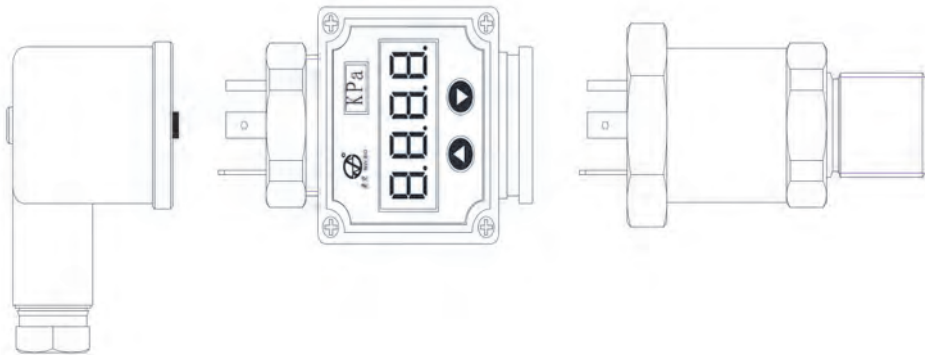
Connection Diagram

Pin	Electric Connection
1	V+
2	0V
3	N/A
G	GND



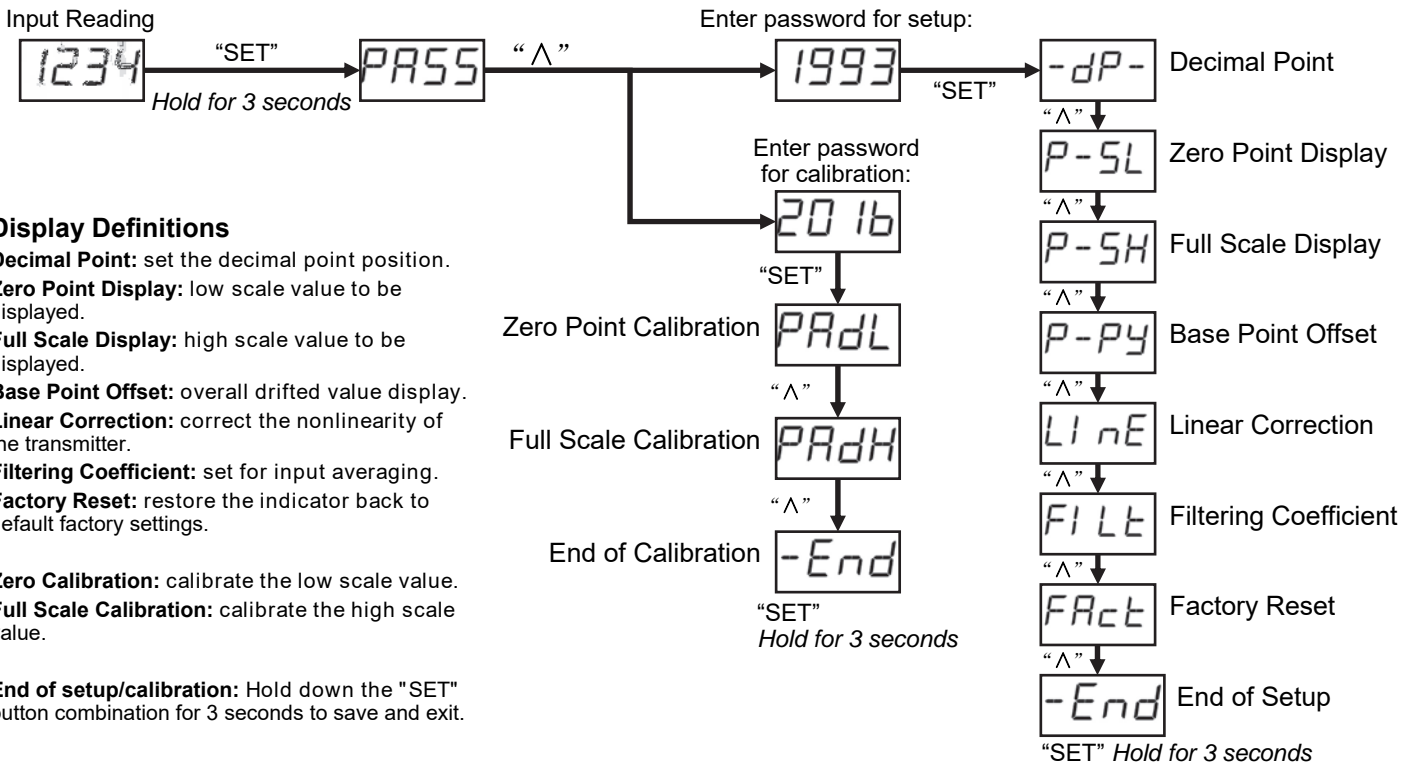
Installation

Connect the M7 indicator to the transmitter and unscrew the plastic nut on top of the indicator. Tighten the internal screw into the transmitter with a screwdriver, and then screw the plastic nut back onto the indicator again. Then connect the plastic outlet elbow (not included) to indicator and tighten the screw of the plastic outlet elbow into the indicator.



Button Menu Guide

There are two buttons for setting up the indicator, " \wedge " and " \vee ". To key in the "SET" function press the " \wedge " and " \vee " buttons at the same time. The key function diagram is as follows:



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