LCD-W11

LED-W11, LCD-W11

Loop Powered LED & LCD Indicators for Field Mounting

LED-W11

CE 5 YEAR WARRANTY

LED-W11 & LCD-W11 are digital indicators for installation directly in a 4-20 mA loop without need for external power.

LED-W11 is equipped with bright, easy-to-read LED digits, and LCD-W11 comes with a high-contrast LCD display.

Both indicators are designed for field mounting on wall, pipe or DIN rail and have a rugged and splash proof housing.

The scale is easily programmable without reference signal.

A temperature transmitter can be integrated for direct sensor input.

LED-W11
- Bright, 4-digit LED display with red 14.2 mm / 0.56 ˝ digits

LCD-W11
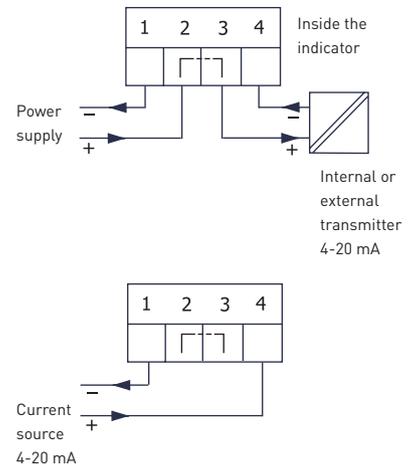- High-contrast, 4-digit LCD display with 17.8 mm / 0.7 ˝ digits

Common features
- Installation directly in a 4-20 mA loop without need for separate power supply
- Simple pushbutton scaling without reference signal
- Any range between -1999 to 9999 for 4 to 20 mA input
- Labels for different engineering units are included
- Typical accuracy of 0.05 % allows for high precision read-outs
- HART transparent
- Integrated transmitter as added option
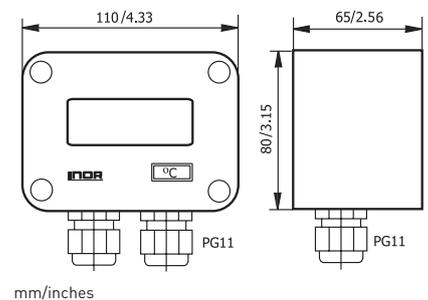- Field mounting in rugged IP65 / NEMA 4X housing with double cable conduits

Specifications:

Input Current		4-20 mA
Maximum current		30 mA
Minimum current for operation		~3.5 mA
Voltage drop	LED-W11	< 5 V
	LCD-W11	~3 V
Indication		
Display	LED-W11	Red LED with 4 digits including minus sign
	LCD-W11	Black LCD with 4 digits including minus sign
Digit height	LED-W11	14.2 mm / 0.56 ˝
	LCD-W11	17.8 mm / 0.7 ˝
Indication range		Any range between -1999 to 9999
Decimals		Selectable, 0 to 3
Under range / Over range		Flashing symbols LO/HI
Engineering units		Set of labels included (including blanks)
Response time		Appr. 0.5 s
Scale setting		Two pushbuttons inside the housing
Operation temperature	LED-W11	-25 to +80 °C / -13 to +176 °F
	LCD-W11	-30 to +80 °C / -22 to +176 °F
Typical accuracy		±0.05 % FS ±1 digit
Dimensions		80 x 110 x 65 mm / 3.15 x 4.33 x 2.56 ˝
Protection		IP65 / NEMA 4X
Connections		Stranded, ≤ 1.5 mm², AWG 16,
		2 PG11-conduits
Mounting		Rail acc. to DIN EN 50022, 35 mm, wall or 2 ˝ pipe

Indicator LED/LCD-W11

Power supply — Inside the indicator — Internal or external transmitter 4-20 mA

Current source 4-20 mA

Dimensions

110 / 4.33   65 / 2.56   80 / 3.15

PG11   PG11

mm/inches

Ordering information

LED-W11	70LEDW1101
LCD-W11	70LCDW1101
Pipe mounting kit	70ADA00021
DIN-Rail mounting kit	70ADA00022
Configuration	70CAL00001
Mounting of transmitter	60VERMONT1