LCD-W12



LCD Indicator for Direct Connection to the ProfIPAQ-H/-L Transmitters



LCD-W12 is a digital, high-precision LCD indicator for local measurement of process values and sensor failure monitoring.

It connects directly to the communication port of our PROFIBUS transmitters, ProfIPAQ-H and ProfIPAQ-L. It can be connected and disconnected at any time. LCD-W12 communicates digitally with the transmitters and offers unlimited accuracy as well as temperature and long-term stability.

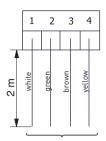
There is no need for scale adjustments or calibration of the indicator. LCD-W12 is designed for field mounting on wall, pipe or DIN rail and has a rugged and splash proof housing.

- High-contrast, 4-digit LCD display with 17.8 mm/0.7 " digits
- No power supply needed, supplied by the transmitter
- Also suitable for temporary measurements
- Unlimited accuracy and stability Values supplied by transmitter digitally
- Display range stored in the transmitter, no calibration needed
- Display values between -1999 and 9999
- Indicates sensor failures (break, short-circuit and low isolation)
- Labels for different engineering units are included
- Designed for ambient temperatures between -20 to +80 °C / -4 to +176 °F
- Field mounting on wall, 2 " pipe or DIN-rail
- Rugged IP65 / NEMA 4X housing

Specifications:

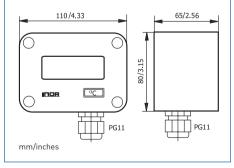
| Supply Voltage | Supplied by connected transmitter | |
|--------------------------------|--|--|
| Indication | | |
| Display | Black LCD, 4 digits including minus sign | |
| Digit height | 17.8 mm / 0.7 " | |
| Indication range ¹⁾ | -1999 to 9999 | |
| Decimals ¹⁾ | 3 positions or blank | |
| Update rate | Appr. 1 Hz | |
| Monitoring | | |
| Sensor failure detection | Flashing SEn and brE | |
| Low isolation detection | Flashing Lo and Iso | |
| Operation temperature | -20 to +80 °C / -4 to +176 °F | |
| Accuracy | Unlimited (Digital data transfer) | |
| Dimensions | 80 x 110 x 65 mm / 3.15 x 4.33 x 2.56 " | |
| Protection | IP65 / NEMA 4X | |
| Connection | Cable included, length 2m / 78 " | |
| Mounting | Rail acc. to DIN EN 50022, 35 mm, wall or 2 " pipe | |
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Terminal block in LCD-W12



Connection to transmitter communication port

Dimensions



Ordering information

| LCD-W12 | 70LCDW1201 |
|-----------------------|------------|
| Pipe mounting kit | 70ADA00021 |
| DIN-Rail mounting kit | 70ADA00022 |

1) Set by the transmitter configuration

Connections