

## LCD-W12



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



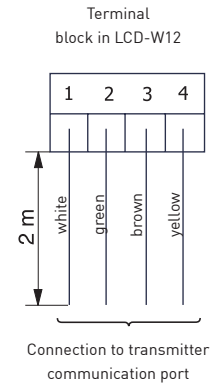
LCD-W12 is a digital, high-precision LCD indicator for local measurement of process values and sensor failure monitoring. It connects directly to the communication port of our PROFIBUS transmitters, ProfIPAQ-H and ProfIPAQ-L. It can be connected and disconnected at any time. LCD-W12 communicates digitally 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

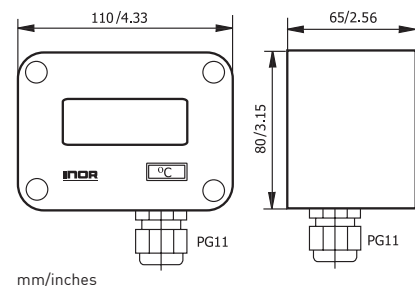
#### Specifications:

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

#### Connections



#### Dimensions



#### Ordering information

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

<sup>1)</sup> Set by the transmitter configuration