



# LoopView

Current Loop Indicator



- No Extra Power Supply Required
- DIN43650 Standard Sandwich Assembly
- Legacy Installation Compatibility
- Push-Button Easy Configuration

**LoopView** is a two-wire 4-20 mA loop-powered indicator. Its excellent accuracy allows to indicate several units like temperature, pressure, differential pressure, flow, pH, acceleration and others.

**LoopView** is powered by the current loop itself and it is meant to be inserted into sensors already installed in industrial facilities, sharing the same connector type.

This device has a 4-digit display and 2 keys, which allow for quick and easy adjustment of indication range, decimal point position, digital signal filter and user calibration.

Parameter configuration is password protected and can be done directly via the front panel keys of the loop indicator. The configured parameters are stored in non-volatile memory, keeping them safe in the event of a loop break.

## Technical Specifications

|                              |   |
|------------------------------|---|
| <b>Display</b>               | 4 digit red LED display   |
| <b>Indicating Range</b>      | -1999 to 9999 or 9999 to -1999  |
| <b>Configuration</b>         | External push buttons   |
| <b>Accuracy</b>              | 0.1 % of span $\pm$ 1digit  |
| <b>Measuring Rate</b>        | 10 measurements/s   |
| <b>Data Back-up</b>          | Non-volatile EEPROM   |
| <b>Thermal Coefficient</b>   | 0.005 % / °C of span  |
| <b>Advanced Features</b>     | - Up or down indication<br>- Alarm indication<br>- Configuration protection with password |
| <b>Electrical Connection</b> | EN 175301-803 A standard (DIN 43650 form A)   |

|                             |   |
|-----------------------------|---|
| <b>Power Supply</b>         | 4-20mA loop powered   |
| <b>Max Current Load</b>     | 60 mA   |
| <b>Voltage Drop</b>         | Below than 10 mA: < 5.4 V<br>10 to 12 mA: < 3.9 V<br>Higher than 12 mA: < 2.8 V |
| <b>Operation Conditions</b> | -40 to 85 °C  |
| <b>Dimensions</b>           | 42.5 x 52.5 x 40.7 mm   |
| <b>Housing Material</b>     | ABS (polyurethane gasket)   |
| <b>Protection Rate</b>      | IP65, NEMA4X  |
| <b>Certification</b>        | CE, RoHS  |
| <b>Warranty</b>             | 3 years   |