Attachable Loop-Powered





APPLICATIONS

- Hydraulic and pneumatic systems
- Pumps and compressors
- Test equipment and systems
- Industrial machinery and machine tools
- HVAC systems
- Power generation
- Water and wastewater
- Stamping and forming presses



To install, remove the DIN 43650A plug and insert indicator on top of transducer and reinstall the plug. This indicator can be used with NOSHOK and some competitive transmitters with 2-wire 4 mA to 20 mA output, Hirschmann connector with the same pin configuration. (Pin 1 + supply, pin 2 + output)



1800 SERIES

- High accuracy 4 mA to 20 mA loop-powered indicators for NOSHOK 300, 615, 616 and 800 Series transmitters
- Can be fitted to NOSHOK pressure transmitters utilizing a 4 mA to 20 mA output signal and the DIN 175301-803 Form A connector
- · Easily inserted between the transmitter body and the connector
- Programmable to display a range of -1999 to 9999; may be tilted for better viewing
- User selectable digital filtering improves readability in rapidly varying pressure applications
- All parameters are stored in non-volatile memory so that reprogramming is not necessary in the event of a power failure

| | SPECIFICA | TIONS | |
|------------------------|---|------------------------------------|--|
| Input signals | 4 mA to 20 mA | | |
| Process display | 4 digit, 0.4" liquid crystal display (-1999 to 9999) | | |
| Key pad | 3 programmable function keys for relay option only, located behind the face plate | | |
| Power requirement | Loop powered by sensors excitation | | |
| | Power consumption | 40 mA max. | |
| | Voltage drop | ≤2 Vdc | |
| Electrical connection | DIN 175301-803 Form A | | |
| Memory | EEPROM | | |
| Accuracy | <0.2% of full scale, ±1 digit | | |
| Humidity | <90%, non-condensing | | |
| Update rate | 200 msec | | |
| Temperature ranges | Operating | -4 °F to 122 °F (-20 °C to 50 °C) | |
| | Effect | ≤ 0.1% of full scale/18 °F (10 °C) | |
| | Storage | -4 °F to 153 °F (-20 °C to 70 °C) | |
| Electromagnetic rating | CE compliant to EMC norm EN 61326-1 | | |
| | RFI, EMI and ESD protection | | |
| Environmental rating | IP65 per EN60529 | | |
| Filtering | 0.2 seconds to 1.5 seconds, selectable | | |
| Relay option | 1 transistor, n-switching | | |
| Linearization | 2 point | | |
| Weight | 3 oz. | | |
| | | | |

| | ORDERING INFORMATION | | |
|---------|----------------------|--------------|--|
| SERIES | 1800 | | |
| OPTIONS | 0 No options | 1 With relay | |

Please consult your local NOSHOK Distributor or NOSHOK, Inc. for availability and delivery information.

Note: Indicate display range on order eg. 0-1,000 for 4 mA to 20 mA



