

## 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

### 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



### SPECIFICATIONS

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

