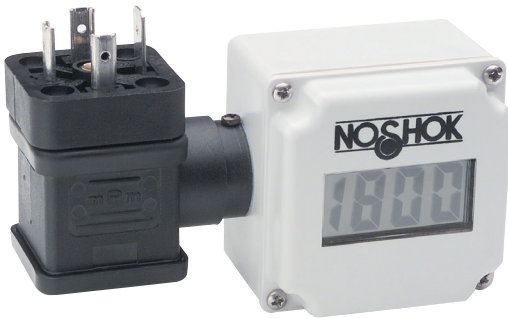


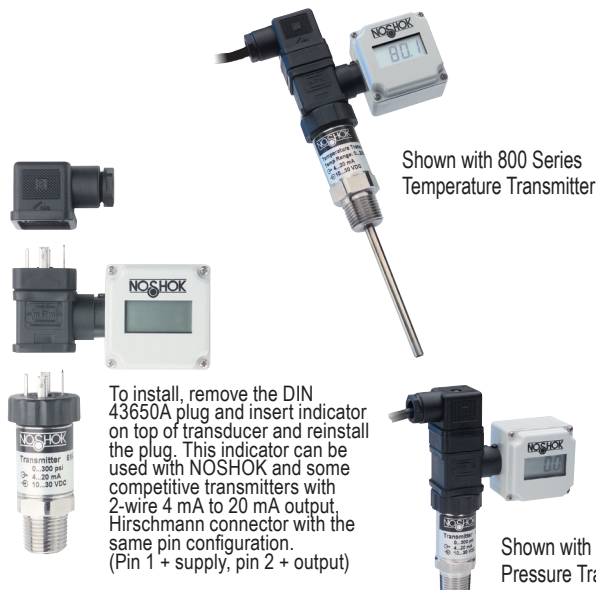
1800 SERIES



- High accuracy 4 mA to 20 mA loop-powered indicators for NOSHOK pressure and temperature transmitters with a DIN EN 175301-803 Form A electrical connection
- 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



Shown with 800 Series Temperature Transmitter

Shown with PT40 Series Pressure Transmitter

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)

SPECIFICATIONS

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.	

