Digital Indicators Attachable Loop-Powered



Unit with relay option.



APPLICATIONS

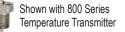
- Hydraulic and pneumatic systems
- Pumps and compressors
- Test equipment and systems
- Industrial machinery and machine tools
- HVAC systems
- Power generation
- Water and wastewater
- Stamping and forming presses





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)







Shown with 300 Series Pressure Transmitter

1800 SERIES

- High accuracy 4 mA to 20 mA loop-powered indicators for NOSHOK 300, 600, 615, 616 and 800 Series transmitters
- Can be fitted to NOSHOK pressure transmitters utilizing a 4 mA to 20 mA output signal and the Hirschmann (DIN 43650A) 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 (optional 0 Vdc to 10 Vdc)		
Process display	4 digit, 0.4" liquid crystal display (-1999 to 9999)		
Key pad	3 programmable function keys for relay option only		
Power requirement	Loop powered by sen	Loop powered by sensors excitation	
-	Power consumption	40 mA max.	
	Voltage drop	≤3 Vdc (1800) ≤5.5 Vdc (1800-1)	
Electrical connection	Hirschmann, DIN EN 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	32 °F to 122 °F (0 °C to 50 °C)	
	Effect	\leq 0.1% of full scale/18 °F (10 °C)	
	Storage	-22 °F to 176 °F (-30 °C to 80 °C)	
Electromagnetic rating	CE compliant to EMC norm EN 61326-1		
	RFI, EMI and ESD protection		
Environmental rating	NEMA 4, 4X, IP65 (front of display only)		
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

