



Unit with relay option.



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

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

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 sensors excitation Power consumption 40 mA max. Voltage drop 3 Vdc
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

EXAMPLE

Series

Option.....

1800 Series

With relay

1800

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