

## **NEW** Noshok Platinum RTD Temperature Transmitter

- Accuracy  $\pm 0.5\%$  Full Scale
- Output 4 to 20 mA
- Power supply 12 to 30 VDC
- 316SS Case and Wetted Materials
- 1/2" Male NPT Connection
- Hirschman Mating Connector
- IP65 Environmental Rating
- 100 Ohm Platinum RTD Coupled with a Digital Amplifier
- 6mm (1/4") Diamter
- Noshok Exclusive 3 Year Warranty

The NOSHOK Series 800 temperature transmitter provides an unbeatable level of performance at an economical price. Using the proven reliability and stability of 100 ohm platinum resistance technology, this transmitter offers a broad array of choices for the OEM and user alike. A rigorous test and inspection process is performed on all NOSHOK temperature transmitters prior to shipment to further insure 100% "out of the box" reliability.



### Specifications

Temperature ranges	-60 °F to 400 °F (-50 °C to 200 °C)
Power supply	12 Vdc to 30 Vdc for 4 mA to 20mA, 14 Vdc to 30 Vdc for 0 Vdc to 10 Vdc
Wetted and Case materials	316 stainless steel
Storage Temperature	-40 °F to 185 °F (-40 °C to 85 °C)
Environmental rating	IP65 according to EN 60529/IEC529

**To Order** – Insert Number Code from Table 1 for Each Letter to Select Order #

**Order Example: 800 - 150 - 1 - 1 - 8 - 8 - 040 - 6**

### Ordering Information

Order #	Mfg #	Description	Price
MP800- <b>B</b> -1-1-8-8- <b>E</b> -6	Series 800	RTD Temperature Transmitter	

Table 1

Temperature ranges					
B	Code	Temp Range	Price	Code	Temp Range
	-40/120	-40 °F to 120 °F	N/C	0/250	0 °F to 250 °F
	25/125	25 °F to 125 °F	N/C	20/240	20 °F to 240 °F
	0/140	0 °F to 140 °F	N/C	50/300	50 °F to 300 °F
	0/200	0 °F to 200 °F	N/C	50/500	50 °F to 500 °F
Stem length					
F	40	4 inch	N/C	90	9 inch
	60	6 inch	\$ 5	120	12 inch

## **NEW** Noshok Attachable Loop-Powered Digital Indicator

- Easy menu-driven programming
- Powered by the 4-20mA loop
- No extra wiring needed, inserts between the Hirschmann connector and transmitter body
- Selectable digital filtering
- For 615 Series Transducers and 800 Series RTD Transducer Only

The Model 1800 Attachable Loop-Powered Digital Indicator can be fitted to NOSHOK pressure transmitters utilizing a 4-20mA output signal and the Hirschmann (DIN 43650A) connector. It is simply inserted between the transmitter body and the connector. The indicator is programmable to display a range of -1999 to 9999, and it may be tilted for better viewing. Also, there is user selectable digital filtering to improve readability in rapidly varying pressure pulsations. All parameters are stored in non-volatile memory so that reprogramming is not necessary in the event of a power failure.

### Specifications

Display	4 Digit, 0.4" Liquid Crystal Display
Accuracy	+/-0.2% Full Scale, +/-1 digit
Update rate	5 times/second
Range	4-20mA, Display 0-9999
Electrical	Requires NOSHOK transmitter with 4-20mA (2-wire) output and Hirschmann (DIN 43650A) connector
Protection	IP65, NEMA 4X according to EN 60529/IEC529
Case	material ABS plastic with polycarbonate window
Weight	Approximately 3 oz.



**1800-DM** ▲

Transmitter with probe & connector not included.

### Ordering Information

Order #	Mfg #	Description	Price
MP1800-DM	Series 1800	Digital Meter for 615 Series Pressure Transducers	