



800 SERIES Electronic Indicating Pressure Transmitter/Alarm

With Type 5 Plastic Threaded Diaphragm Seal For Chemical Feed Applications



FEATURES

- 1 alarm output and 1 analog output (4...20 mA) Standard
- Pressure Ranges from 0 to 30 psig, 0 to 75 psig, and 0 to 145 psig
- 330° Rotatable Display-Head
- Integrated Password Protection
- Simple 2-Key Programming
- Four-Digit LED-Display
- Scaleable Analog Output
- Fast Response Time

OPTIONAL FEATURES

- Optional outputs: 2 alarm outputs, or 2 alarm outputs & 1 analog output (4...20 mA)
- 330° Rotatable Pressure Connection
- Minimum/Maximum Value Memory
- Output Dampening up to 2,000 msec
- Alarm Time Delay

Designed specifically for corrosive applications such as water, wastewater, and chemical environments, the NOSHOK 800 Series Electronic Indicating Pressure Transmitter/Alarm with Plastic Threaded Diaphragm Seal provides continuous pressure monitoring, while its Teflon Diaphragm isolates and protects it from corrosive media.

The Transmitter/Alarm allows the programming of the set points without applying pressure, and its contact functions (normally open/normally closed), reset points, contact types (npn / pnp) and alarm function (hysteresis/gate) are simple to adjust via the two buttons. By the use of proven ceramic sensors, this pressure alarm features a high level of repeatability and durability. The turnable display and the optional turnable process connection allow ease of installation and wiring.

Featuring a heavy-duty design for safety, the (PTFE) Teflon Diaphragm protects the instrumentation from corrosive media, and is engineered to provide high chemical resistance. Its upper housing is glass filled polypropylene.

800 TRANSMITTER/ALARM ASSEMBLY SPECIFICATIONS

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|------------------------------|--------------------------------------------------------------------|
| Pressure Ranges | Standard ranges from 0 to 30 psig, 0 to 75 psig, and 0 to 145 psig |
| Pressure Sensor | Thick film ceramic strain gage |
| Power Supply | 12 - 30 Vdc |
| Signal Output | 4 to 20 mA; programmable & freely adjustable |
| Alarm Points Number | 1 or 2 (PNP or NPN) |
| Function | NO/NC; windows - and hysteresis function freely adjustable |
| Alarm rating | 0.5 A max |
| Display | 7-Segment-LED, red 4-digit, height 0.3 |
| Current Consumption | <50 mA (without load) |
| Electrical Protection | Protected against reverse polarity, overvoltage & short circuit |
| Wetted Materials | PVC, (PTFE) Teflon |
| Process Connection | 1/2" Reinforced NPT Female |
| Max Working Pressure | 150 psi |

OUTLINE DIMENSIONS AND WIRING DIAGRAM

