



Shown with optional Electrical Connector Cage

**APPLICATIONS**

- Acidizing
- Choke & kill manifold
- Fracturing & cementing
- Mud logging & mud pumps
- Oil field & offshore
- Well head measurement

**NOSHOK 628 Series transmitters are Canadian Standards Association approved for use in hazardous location applications as follows:**

Intrinsically Safe Class I, DIV 1, Groups A,B,C,D,  
 -40°C<Tamb<+85°C T4, Class II, DIV 1, Groups E,F,G, Class III, Class I, Zone 0 AEx/Ex ia IIC T4.  
 Non-Incendive Class I, DIV 2, Groups A,B,C,D,  
 -40°C<Tamb<+85°C T4, Class II, DIV 2, Groups F,G, Class III, Class I, Zone 2 AEx/Ex ic IIC T4.

# 628 SERIES

- Ranges from 0 psig to 5,000 psig through 0 psig to 20,000 psig
- Current output
- Inconel X-750 wetted parts
- Canadian Standards Association approved
- Every sensor comes with a Certificate of Calibration

**SPECIFICATIONS**

<b>Output signal</b>	4 mA to 20 mA, 2-wire
<b>Pressure ranges</b>	0 psig to 5,000 psig through 0 psig to 20,000 psig
<b>Accuracy</b>	±0.25% full scale (BFSL) (Includes the effects of non-linearity, hysteresis, non-repeatability, zero point and full scale errors)
<b>Stability</b>	≤ ±0.2% full scale for 1 year, non-accumulating
<b>Response time</b>	< 2 m/s
<b>Service life</b>	> 10,000,000 load cycles
<b>Temperature ranges</b>	Compensated 40 °F to 140 °F (5 °C to 60 °C) Zero effect is ±0.01% full scale/ °F Span effect is ±0.01% reading/ °F Media -40 °F to 185 °F (-40 °C to 85 °C) Ambient -40 °F to 185 °F (-40 °C to 85 °C) Storage -40 °F to 185 °F (-40 °C to 85 °C)
<b>Power requirement*</b>	10 Vdc to 28 Vdc
<b>Load limitations</b>	≤ (VPower-10)/0.020 Amp
<b>Proof pressure</b>	1.5 times full scale (22,500 psi maximum)
<b>Burst pressure</b>	3 times full scale (22,500 psi maximum)
<b>Measuring element</b>	Inconel X-750
<b>Connection</b>	Inconel X-750
<b>Housing material</b>	316 Stainless Steel
<b>Environmental rating</b>	IP67 depending upon electrical connection
<b>Electromagnetic rating</b>	RFI, EMI and ESD protection
<b>Electrical protection</b>	Reverse polarity, over-voltage and short circuit protected
<b>Shock</b>	100 g's according to IEC 60068-2-27
<b>Vibration</b>	15 g's according to IEC 60068-2-6
<b>Weight</b>	Approximately 6 lb.

\* Unregulated

