



## 25 SERIES

- Ranges from -160 inH<sub>2</sub>O vac to 1,160 psig
- Hart® protocol output available
- 316 Stainless Steel wetted parts
- Strong flush diaphragm with minimal fill volume
- Can be cleaned-in-place (CIP) or steamed-in-place (SIP)
- 3A certified



### APPLICATIONS

- Food & dairy
- Chemical processing
- Pharmaceutical

### FEATURES & BENEFITS

- All Stainless Steel housing
- Easy programming and range adjustment without test pressure via on-board display
- Accuracy 0.2% of adjusted span
- 4:1 turn down
- Active temperature compensation
- Hart® protocol optional

### SPECIFICATIONS

<b>Output signals</b>	4 mA to 20 mA 2-wire, 4 mA to 20 mA 2-wire and Hart® signal
<b>Pressure ranges</b>	-160 inH <sub>2</sub> O vac to 1,160 psig
<b>Accuracy</b>	0.2% of adjusted span
<b>Stability</b>	<0.1%/year
<b>Adjustment</b>	By 3 push buttons on display or optional Hart® signal
<b>Response time</b>	<100 ms
<b>Service life</b>	>10 years
<b>Temperature ranges</b>	-4 °F to 212 °F (-20 °C to 100 °C); 293 °F (145 °C) for 45 min.
<b>Power requirement*</b>	12 Vdc to 36 Vdc
<b>Measuring element</b>	316 Stainless Steel (Hastelloy C or Tantalum optional)
<b>Connection</b>	316 Stainless Steel
<b>Housing material</b>	304 Stainless Steel (316 Stainless Steel optional)
<b>Environmental rating</b>	IP66 (IP68 optional)
<b>Electrical protection</b>	IP66 (NEMA 4X), IP68 (NEMA 6) optional
<b>Weight</b>	Approximately 2.20 lb. (Depending on process connection)

\* Unregulated

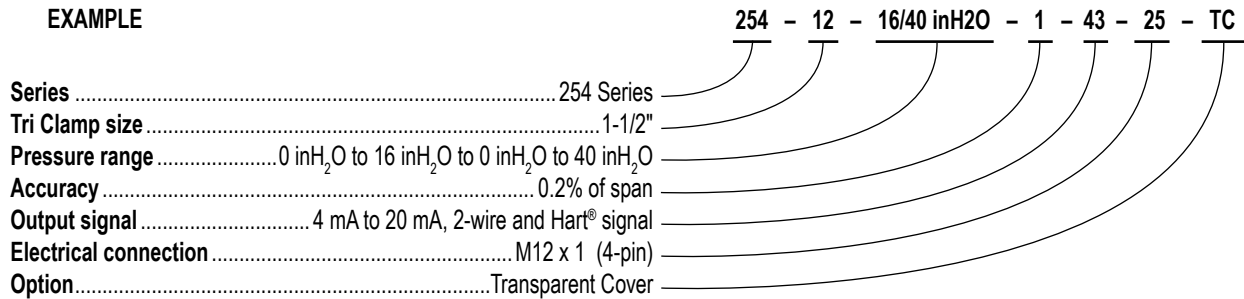


ORDERING INFORMATION		
<b>SERIES</b>	254	
<b>TRI-CLAMP SIZE</b>	12 1-1/2" 16 2"	24 3"
<b>PRESSURE RANGES (Adjustable)</b>	<b>40inH<sub>2</sub>O-vac</b> -40 inH <sub>2</sub> O to 0 inH <sub>2</sub> O* <b>160inH<sub>2</sub>O-vac</b> -160inH <sub>2</sub> O to 0 inH <sub>2</sub> O <b>14.7/43-vac</b> -14.7 psig to 43 psig <b>14.7/130-vac</b> -14.7 psig to 130 psig <b>14.7/335-vac</b> -14.7 to 335 psig <b>14.7/1145-vac</b> -14.7 psig to 1,145 psig	<b>16/40 inH<sub>2</sub>O</b> 0 inH <sub>2</sub> O to 16 inH <sub>2</sub> O to 0 inH <sub>2</sub> O to 40 inH <sub>2</sub> O (.6 psig to 1.45 psig) <b>40/160 inH<sub>2</sub>O</b> 0 inH <sub>2</sub> O to 40 inH <sub>2</sub> O to 0 inH <sub>2</sub> O to 160 inH <sub>2</sub> O (1.45 psig to 5.8 psig) <b>160/637 inH<sub>2</sub>O</b> 0 inH <sub>2</sub> O to 160 inH <sub>2</sub> O to 0 inH <sub>2</sub> O to 637 inH <sub>2</sub> O (5.8 psig to 23 psig) <b>14.5/58</b> 14.5 psig to 58 psig (0 inH <sub>2</sub> O to 400 inH <sub>2</sub> O to 0 inH <sub>2</sub> O to 1,607 inH <sub>2</sub> O) <b>29/145</b> 29 psig to 145 psig (0 inH <sub>2</sub> O to 803 inH <sub>2</sub> O to 0 inH <sub>2</sub> O to 4,017 inH <sub>2</sub> O) <b>87/350</b> 87 psig to 350 psig (0 inH <sub>2</sub> O to 2,410 inH <sub>2</sub> O to 0 inH <sub>2</sub> O to 9,697 inH <sub>2</sub> O) <b>290/1160</b> 290 psig to 1,160 psig (0 inH <sub>2</sub> O to 8,035 inH <sub>2</sub> O to 0 inH <sub>2</sub> O to 32,140 inH <sub>2</sub> O)
<b>ACCURACIES</b>	1 0.2% of adjusted span	
<b>OUTPUT SIGNALS</b>	1 4 mA to 20 mA, 2-wire	43 4 mA to 20 mA, 2-wire and Hart® signal
<b>ELECTRICAL CONNECTIONS</b>	25 M12 x 1 (4-pin) 28 1/2" NPT Female	71 PG9 Cable Gland
<b>OPTIONS</b>	TC Transparent Cover (for display)	

Please consult your local NOSHOK Distributor or NOSHOK, Inc. for availability and delivery information.

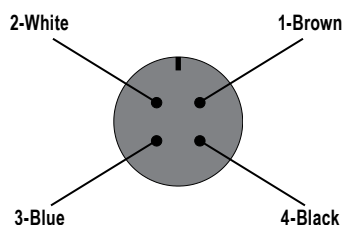
\* Not available in 1-1/2" Tri-Clamp

**EXAMPLE**



**M12 x 1 (4-PIN) WIRING**

1	Brown	V+
2	White	V-
3	Blue	Not used
4	Black	Not used



\*1-1/2", 2" and 3" Tri-Clamp connections available