



## 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)
- Meets 3A requirements

### 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



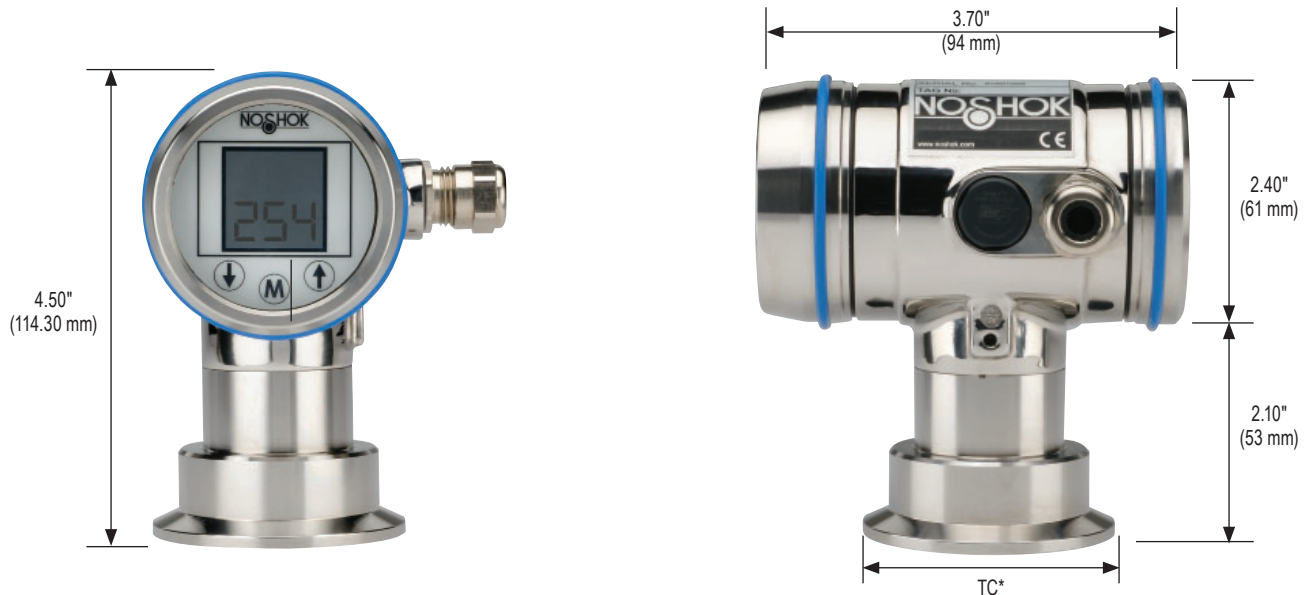
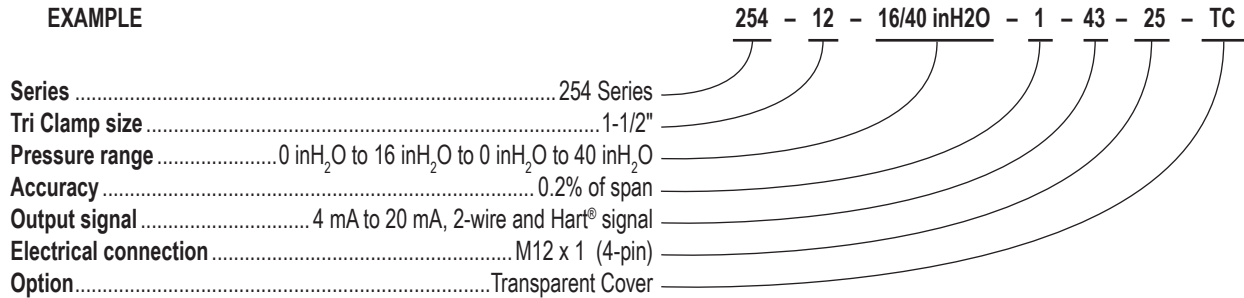
**WARNING:** This product can expose you to chemicals including Chromium (VI) and Nickel, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

ORDERING INFORMATION			
SERIES	254		
TRI-CLAMP SIZE	12 1-1/2"	24 3"	
	16 2"		
PRESSURE RANGES (Adjustable)	40inH <sub>2</sub> O-vac -40 inH <sub>2</sub> O to 0 inH <sub>2</sub> O*	16/40 inH <sub>2</sub> O 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)	
	160inH <sub>2</sub> O-vac -160inH <sub>2</sub> O to 0 inH <sub>2</sub> O	40/160 inH <sub>2</sub> O 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)	
	14.7/8-vac -14.7 psig to 8 psig	160/637 inH <sub>2</sub> O 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)	
	14.7/43-vac -14.7 psig to 43 psig	14.5/58 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)	
	14.7/130-vac -14.7 psig to 130 psig	29/145 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)	
	14.7/335-vac -14.7 to 335 psig	87/350 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)	
	14.7/1175-vac -14.7 psig to 1175 psig	290/1160 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)	
ACCURACIES	1 0.2% of adjusted span		
OUTPUT SIGNALS	1 4 mA to 20 mA, 2-wire	43 4 mA to 20 mA, 2-wire and Hart® signal	
ELECTRICAL CONNECTIONS	25 M12 x 1 (4-pin)	71 PG9 Cable Gland	
OPTIONS	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



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