



## 20 SERIES

- Ranges from 16 inH<sub>2</sub>O to 58 psig (1,600 inH<sub>2</sub>O)
- 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 & beverage
- Dairy
- Chemical processing
- Pharmaceutical

### FEATURES & BENEFITS

- All Stainless Steel housing
- Easy programming and range adjustment without test pressure via on-board display
- Accuracy 0.1% of adjusted span
- 10:1 turn down
- Active temperature compensation
- Hart® protocol optional
- 360° rotatable display

### SPECIFICATIONS

Output signals	4 mA to 20 mA 2-wire, 4 mA to 20 mA 2-wire and Hart® signal
Pressure ranges	16 inH <sub>2</sub> O to 58 psig (1,600 inH <sub>2</sub> O)
Accuracy	0.1% of adjusted span
Stability	<0.1%/year
Adjustment	By 3 push buttons on display or optional Hart® signal
Response time	<150 ms
Service life	>10 years
Temperature ranges	-4 °F to 212 °F (-20 °C to 100 °C); 293 °F (145 °C) for 45 min.
Power requirement*	12 Vdc to 36 Vdc
Measuring element	316 Stainless Steel (Hastelloy C, Tantalum or Goldplated optional)
Connection	316 Stainless Steel
Housing material	304 Stainless Steel
Environmental rating	IP66 (IP68 optional)
Electrical protection	IP66 (NEMA 4X), IP68 (NEMA 6) optional
Weight	Approximately 3.3 lb. (Depending on process connection)

\* Unregulated

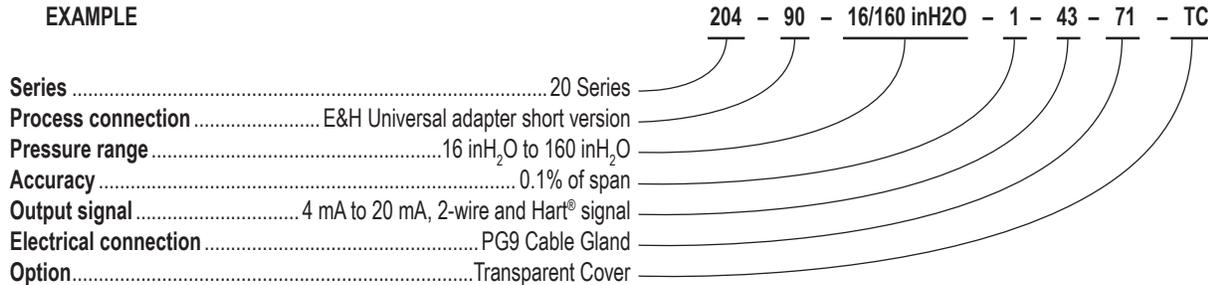


ORDERING INFORMATION		
<b>SERIES</b>	204	
<b>PROCESS CONNECTIONS</b>	<b>90</b> E&H Universal adapter short version <b>91</b> E&H Universal adapter long version <b>92</b> Anderson Negele Type SL Short <b>93</b> Anderson Negele Type SL Long - 6" <b>94</b> King Gage Short	<b>95</b> King Gage Standard - 6" <b>96</b> King Gage Long - 8" <b>97</b> Rosemount Tank Spud - 2" <b>98</b> Rosemount Tank Spud - 6" <b>99</b> Tank Mate Medium - 6"
<b>PRESSURE RANGES (Adjustable)*</b>	<b>16/160 inH<sub>2</sub>O</b> 16 inH <sub>2</sub> O to 160 inH <sub>2</sub> O (.06 psig to 6 psig) <b>47/470 inH<sub>2</sub>O</b> 47 inH <sub>2</sub> O to 470 inH <sub>2</sub> O (1.7 psig to 17 psig)	<b>6/58 psig</b> 6 psig to 58 psig (160 inH <sub>2</sub> O to 1,600 inH <sub>2</sub> O)
<b>ACCURACIES</b>	<b>1</b> 0.1% of adjusted span	
<b>OUTPUT SIGNALS</b>	<b>1</b> 4 mA to 20 mA, 2-wire	<b>43</b> 4 mA to 20 mA, 2-wire and Hart® signal
<b>ELECTRICAL CONNECTIONS</b>	<b>25</b> M12 x 1 (4-pin) <b>28</b> 1/2" NPT Female	<b>71</b> PG9 Cable Gland
<b>OPTIONS</b>	<b>TC</b> Transparent Cover (for display)	

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

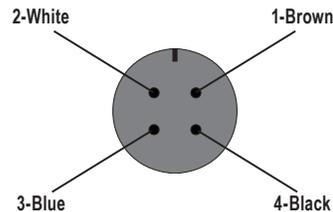
\*Other ranges available, consult factory

**EXAMPLE**



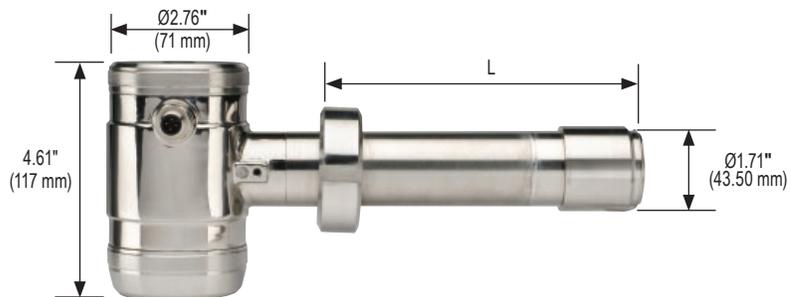
**M12 x 1 (4-PIN) WIRING**

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



# Dimensions

## 204-91 (E&H Universal adapter)



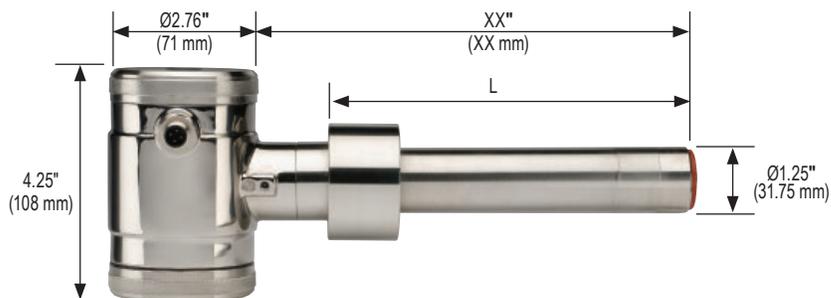
L	
Short	2.16" (54.86 mm)
Long	5.93" (150.50 mm)

## 204-93 (Anderson Negele Type SL)



L	
Short	2.05" (52.0 mm)
Long	6.36" (161.50 mm)

## 204-95 (King Gage)



L	
Short	2.19" (55.63 mm)
Standard	6.62" (168.15 mm)
Long	8.81" (223.77 mm)

**204-98 (Rosemount Tank Spud)**



L	
Short	2.11" (53.58 mm)
Long	6.11" (155.19 mm)

**204-99 (Tank Mate)**

