**615/616 SERIES**

- Vacuum ranges through 0 psig to 145,000 psig; absolute ranges from 0 psia to 15 psia through 0 psig to 300 psig
- Current and voltage outputs available
- 316 and 17-4PH Stainless Steel wetted parts
- CE compliant to suppress RFI, EMI and ESD

### SPECIFICATIONS

**Output signals**
- 4 mA to 20 mA, 2-wire;
- 0 Vdc to 5 Vdc, 0 Vdc to 10 Vdc, 1 Vdc to 5 Vdc, 3-wire

**Pressure ranges**
- Vacuum through 0 psig to 145,000 psig
- Absolute from 0 psia to 15 psia through 0 psia to 300 psia

**Accuracy**
- ± 0.25% full scale (BFSL); optional ± 0.125% full scale (BFSL); (includes the effects of non-linearity, hysteresis, non-repeatability, zero point and full scale errors)

**Stability**
- ≤ ±0.2% full scale for 1 year, non-accumulating

**Adjustment**
- ±10% full scale for zero and span

**Response time**
- Less than 1 ms (between 10% and 90% full scale)

**Service life**
- >100,000,000 load cycles

**Temperature ranges**
- Compensated 32 °F to 175 °F (0 °C to 80 °C)
- Effect ± 0.01%/ °F for zero and span
- Media -20 °F to 212 °F (-30 °C to 100 °C)
- Ambient -15 °F to 175 °F (-10 °C to 80 °C)
- Storage -40 °F to 212 °F (-40 °C to 100 °C)

**Power requirement**
- 10 Vdc to 30 Vdc (4 mA to 20 mA, 2-wire, 1 Vdc to 5 Vdc, 3-wire, 1 Vdc to 6 Vdc, 3-wire, 0 Vdc to 5 Vdc, 3-wire)
- 14 Vdc to 30 Vdc (0 Vdc to 10 Vdc, 1 Vdc to 11 Vdc, 3-wire)

**Load limitations**
- ≤ [(VPower-10)/0.020] Amp for 4 mA to 20 mA
- ≥ 10,000 Ω for 0 Vdc to 10 Vdc, 3-wire
- ≥ 5,000 Ω for 0 Vdc to 5 Vdc, 3-wire

**Proof pressure**
- 3 times full scale for ranges 0 psi to 2 psi through 0 psi to 200 psi
- 1.75 times full scale for ranges 0 psi to 300 psi through 0 psi to 10,000 psi
- 1.5 times full scale for 0 psi to 15,000 psi
- 1.2 times full scale for ranges 0 psi to 20,000 psi through 0 psi to 145,000 psi

**Burst pressure**
- 3.8 times full scale for ranges 0 psi to 2 psi through 0 psi to 200 psi
- 4 times full scale for ranges 0 psi to 300 psi through 0 psi to 10,000 psi
- 3 times full scale for 0 psi to 15,000 psi
- 1.5 times full scale for ranges 0 psi to 20,000 psi through 0 psi to 145,000 psi

**Measuring element**
- 316 Stainless Steel for vacuum through 300 psi;
- 17-4PH Stainless Steel for ≥500 psi

**Connection**
- 316 Stainless Steel

**Housing material**
- 316 Stainless Steel

**Environmental rating**
- IP65

**Electromagnetic rating**
- RFI, EMI and ESD protection

**Electrical protection**
- Reverse polarity, overvoltage and short circuit protection

**Shock**
- 1,000 g's according to IEC 60068-2-27

**Vibration**
- 15 g’s according to IEC 60068-2-6

**Weight**
- Approximately 7.2 oz.

* Unregulated

**WARNING:** This product can expose you to chemicals including Nickel, which is 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