LIFE SCIENCES



Mini Pressure Transmitters

Ambient Temperature Limits:

Anderson's HA "Mini" sanitary pressure transmitter is specifically designed for critical measurements in fractional size lines. The product can be ordered with 3/4", 1",or 1-1/2" Tri-Clamp[®] connections as well as our CPM fitting. This eliminates the need for reducers or adapters, thus reducing hold-up volumes in small lines. Internal zero and span adjustments and easily accessible test points greatly simplify calibration and validation. 316 "L" stainless steel wetted parts are electro-polished to an R_a =8. Finally, since it's an Anderson "Pharmaceutical Series" product, every transmitter includes a calibration certificate and permanent tag at no charge. Complete specifications appear below, with an ordering matrix and dimensions on the reverse.



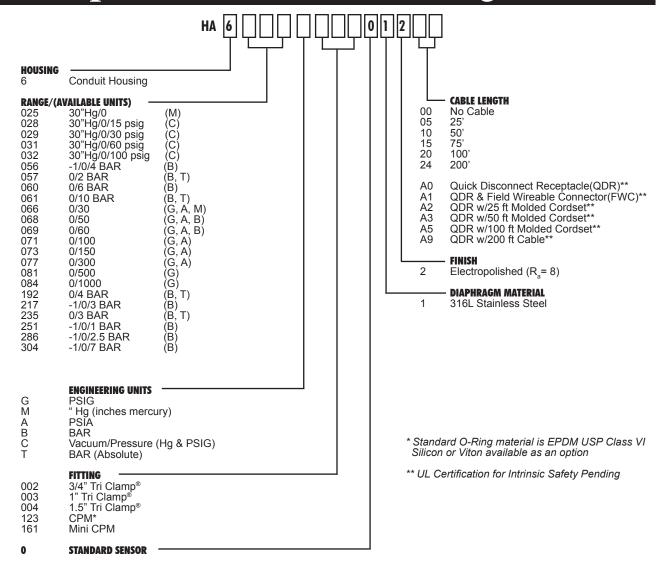
SPECIFICATIONS

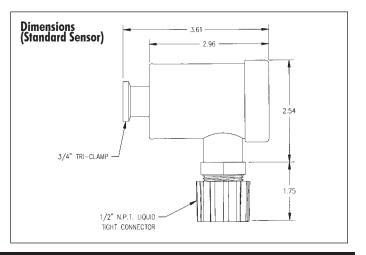
Excitation: 10-40 VDC (Absolute), 24 VDC Nominal regulated or unregulated Output: 4-20 mA DC, 2 wire with non-interrupting circuit verifiction test points Loop Resistance: 0-700 ohms at 24 VDC Wiring Connection: 16 AWG max.; Screw Terminal; Accessible via removable screw cap conduit housing Optional 5pin M12 Quick Disconnect Receptacle Recommended Cable: 22-24 AWG, foil shielded, and PVC coated. (3/16 - 1/4 OD insulation) Accuracy: ± 0.5% of full scale Repeatability: ± 0.3% of full scale Hysteresis: ± 0.10% of full scale Linearity: ±0.10% of full scale Stability: ±0.30% of calibrated range/6 months Storage Temperature: -40°C to 65°C (-40°F to 149°F) Process Temperature Limits: -1°C to 149°C (30°F to 300°F) (Horizontal Mount recommended over 135°C (275°F)) EXCEEDS CGMP'S OF MEETS OR

Effect of Temperature Change: ± 0.1 psig/5.5°C (10°F) typical Over-Range Rating: 2 times base range Response Time: 200 uSec Wetted Parts: 316L stainless steel electropolished (R_a max. = 8 microinches, .2 microns) Housing Material: 304 stainless steel Zero and Span Adjustments: ± 10% of range Mounting: Direct connection Electrical Ratings: Intrinsically safe for use in Class 1, Div. 1, Groups A-D; CE Compliant (EMC Industrial Locations) Standards: Designed and manufactured to sound engineering practices in accordance with Article 3.3 of the PED 97/23/EC NEMA 4X IP66 CSA B51-03 CRN# CSA0F9754.5C (except Mini CPM fitting 161)

-18°C to 49°C (0°F to 120°F)

Complete Product Ordering Matrix





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