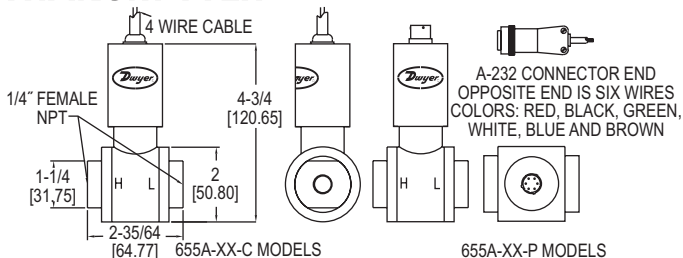


316 WET/WET DIFFERENTIAL PRESSURE TRANSMITTER

Ranges Down to 3 in w.c., 6-Point NIST Certificate Included



The Series 655A 316 Wet/Wet Differential Pressure Transmitter is designed for high static/low DP applications designed especially for the End Users and OEM's where extreme overpressure and high performance of 0.25% accuracy and stability are required at ranges down to 3 in w.c. Each unit includes a 6-point NIST certificate of calibration which demonstrates the unit's high level of performance.

FEATURES/BENEFITS

- Extreme overpressure and stability at low ranges provides durable device for OEM and end-user applications
- High-accuracy device for low differential pressure designs requiring more precise measurements in support of application
- NIST certificate available to demonstrate high-level of performance

APPLICATIONS

- Pump differential pressure
- High accuracy/low differential pressure OEM applications
- Critical process monitoring

MODEL CHART

Model	Range	Model	Range
655A-00-C	0 to 3 in w.c.	655A-00-P	0 to 3 in w.c.
655A-01-C	0 to 5 in w.c.	655A-01-P	0 to 5 in w.c.
655A-02-C	0 to 8 in w.c.	655A-02-P	0 to 8 in w.c.
655A-03-C	0 to 10 in w.c.	655A-03-P	0 to 10 in w.c.
655A-04-C	0 to 15 in w.c.	655A-04-P	0 to 15 in w.c.
655A-05-C	0 to 20 in w.c.	655A-05-P	0 to 20 in w.c.
655A-06-C	0 to 1 psid	655A-06-P	0 to 1 psid
655A-07-C	0 to 2 psid	655A-07-P	0 to 2 psid

Note: Change 'C' to 'P' for optional 6 pin male connection.

SPECIFICATIONS

Service: Compatible gases or liquids.
Wetted Materials: 316L SS.
Accuracy: ±0.25% BFS/L, RSS (combined effect of non-linearity, hysteresis, and repeatability).
Stability: ≤ ±0.25% FSO/yr.
Temperature Limits: -20 to 200°F (-29 to 93°C).
Compensated Temperature Limits: 0 to 170°F (-17.8 to 76.7°C).
Pressure Limits: 1000 psi (68.95 bar) continuous; 3000 psi (206.8 bar) burst.
Thermal Effects: ≤ ±1.5% FS oven comp. temperature range.
Power Requirements: 8-38 VDC.
Output Signal: 4-20 mA.
Static Pressure Effects: On zero: ≤ ±0.25% FSO per 1000 psi; on span: ≤ ±0.5% of reading per 1000 psi.
Response Time: < 10 ms.
Loop Resistance: 1500 Ω.
Electrical Connections: Cable exit with 24" cable; optional 6-pin connector.
Process Connections: 1/4" NPT female.
Enclosure Rating: Designed to meet NEMA 4X (IP66).
Mounting Orientation: Mount in vertical position: zero shifts up to ±1 in w.c. depending on orientation.
Weight: 18 oz (510 g).

ACCESSORIES

Model	Description
A-232	Connection with cable (3'); for 6 pin connection models