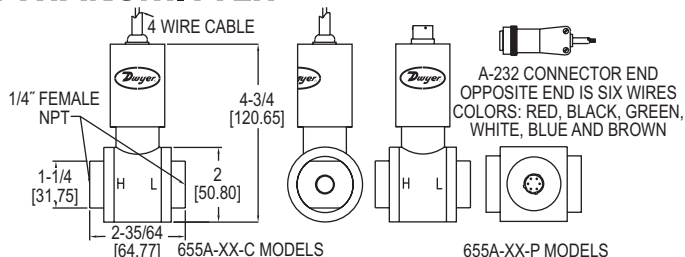


316 WET/WET DIFFERENTIAL PRESSURE TRANSMITTER

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



SERIES 655A Differential Pressure Transmitters are 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
- Critical process monitoring
- High accuracy/low differential pressure OEM applications

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: $\pm 0.25\%$ BFSL, RSS (combined effect of non-linearity, hysteresis, and repeatability).

Stability: $\leq \pm 0.25\%$ 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: $\leq \pm 1.5\%$ FS oven comp. temperature range.

Power Requirements: 8 to 38 VDC.

Output Signal: 4 to 20 mA.

Static Pressure Effects: On zero: $\leq \pm 0.25\%$ FSO per 1000 psi; on span: $\leq \pm 0.5\%$ 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