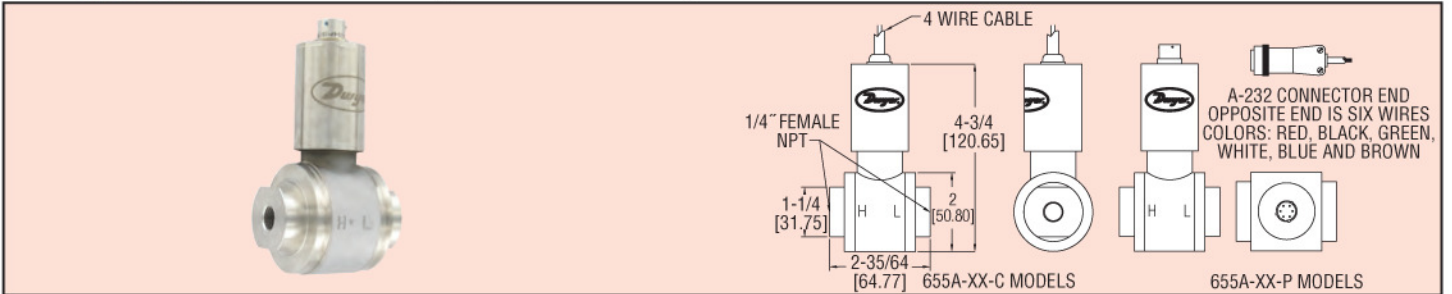




Series  
655A

# 316 Wet/Wet Differential Pressure Transmitter

Ranges Down to 3 in w.c., 6-Point N.I.S.T. 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.

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.

#### ACCESSORY

A-232, Connection with cable (3') For 6 pin connection models

#### SPECIFICATIONS

**Service:** Compatible gasses 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  $\Omega$ .

**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  $\pm 1$  in w.c. depending on orientation.

**Weight:** 18 oz (510 g).

**Agency Approval:** CE.