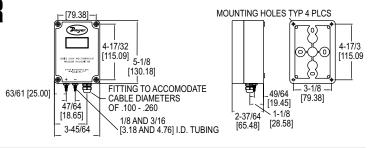
ERENTIAL PRESSURE TRANSMITTER

Low Ranges Down to 0.25 in w.c. (60 Pa), NEMA 4X Housing (IP66)

CALIBRATION SERVICES AVAILABLE







The Series 616WL Differential Pressure Transmitter senses very low pressures of air and non-combustible, compatible gases and sends a standard 4-20 mA output signal. All models, including those featuring the 3 digit LCD digital read-out, are factory calibrated to specific ranges as listed in the chart below. Positive, negative and differential pressures can be measured within a full span accuracy of ±0.50%. This weatherproof unit is enclosed in a polycarbonate case, designed to meet (IP66/NEMA 4X). Internal digital push button zero and san allow for suick and simple field NEMA 4X). Internal digital push-button zero and span allow for quick and simple field calibration.

BENEFITS/FEATURES

- · NEMA 4X rated enclosure provides protection in harsh environments permitting outdoor monitoring or in areas where dust and particulate matter exists
- Easy to read LCD display provides immediate local alerts allowing corrective action to be taken quicker to eliminate the problem from becoming widespread
 Zero and span controls provides easy calibration checks and shorter installation
- time to get device running and monitoring
 High precision accuracy at low pressure ranges provides exceptional accuracy for insuring tight-control and minimizing costly out of specification conditions

APPLICATIONS

- Low pressure applications
- Dust collection

•	Outdoor HVAC
•	Roof-top equipment

MODEL CHART			
Model	Range	Max. Pressure	
616WL-14-LCD 616WL-22-LCD	0 to ±60 Pa 0 to 250 Pa	2 psig 4 psig 2 psig 4 psig 2 psig 2 psig 4 psig 4 psig	

SPECIFICATIONS

Service: Air and non-combustible, compatible gases.

Wetted Materials: Consult factory.

Accuracy: ±0.50% FS, display accuracy

Stability: ±1% FS/yr.
Temperature Limits: 0 to 140°F (-17.8 to 60°C). **Compensated Temperature Limits:** 20 to 120°F (-6.67 to 48.9°C).

Pressure Limits: See chart

Thermal Effect: ±0.02% FS/°F (0.036% Power Requirements: 12-30 VDC

(2-wire). Output Signal: 4-20 mA.

Zero and Span Adjustments: Digital, push-button adj.

Loop Resistance: DC; 0 to 900 Ω max. Current Consumption: DC; 38 mA

Electrical Connections: Screw-type

terminal block.

Process Connections: Barbed, dual size to fit 1/8" and 3/16" (3.12 and 4.76 mm) ID rubber or vinyl tubing.

Enclosure Rating: NEMA 4X (IP66).

Mounting Orientation: Vertical, consult factory for other position orientations.

Weight: Without LCD 17 oz (482 g); with LCD 18 oz (510 g)

with LCD 18 oz (510 g). Compliance: CE.

OPTIONS			
To order add suffix:	Description		
-NIST	NIST traceable calibration certificate		
Example: 616WL-4-LCD-NIST			

Process Tubing Options: See page 453 (Gage Tubing Accessories)