

DPT-V4-LX Pressure/Velocity Transmitter

ONYXX® LX-DP | PRODUCT DATA SHEET

Designed and assembled in Canada

Description

The DPT-V4-LX is a high precision, maintenance free high pressure / velocity transmitter. This "MEMS" type transmitter offers very high precision and stability at low velocity levels. To order use part number: **DPT-V4-LX**

Advantages

- ✓ Allows pressure reading (0-1 in. water / 0-250 PA) or the velocity
- ✓ Liquid crystal display of the pressure or the flow in real time (with the conduit surface)
- ✓ New dust segregation chamber technology eliminates servicing
- ✓ Easy and intuitive installation and configuration
- ✓ Configurable output: 0-10 Vdc / 0-20 mA or 2-10 Vdc / 4-20 mA
- ✓ Multiple units available: Pressure: "H₂O_PA, Velocity: ft./min_M/sec, Flow: CFM_L/sec
- ✓ Removable screw terminals
- ✓ LED indicators for mode and status in the event of connection issues

Technical Specifications

MAXIMUM CONDUCTOR SIZE

14 AWG

POWER SUPPLY

24 Vac/dc; ±15%

CURRENT CONSUMPTION

2.0 VA

DIMENSIONS

88 mm x 64 mm x 25 mm
3.46 in. x 2.52 in. x 0.98 in.

TRANSPORT TEMPERATURE

-30 °C - 70 °C / -22 °F - 158 °F

OPERATING TEMPERATURE

0 °C - 50 °C / 32 °F - 122 °F

OPERATIONAL RELATIVE HUMIDITY

10% to 90% rH without condensation

WEIGHT

83 g. / 0.9 oz.

OUTPUT

Current: 0 - 20 mA, maximum impedance 500 Ω
Voltage: 0 - 10 Vdc, impedance of 2,500 Ω

VELOCITY / PRESSURE SENSOR

MEMS Omron D6F-PH0025
0-1 in. water / 0-250 PA quick response (33 ms typically)
Resolution: 12 bits (4,096 segments)
Tubes of 5/32 in. required for the velocity / pressure sensor

ZERO READING RESOLUTION

± 0.0008 in. water / 0.2 PA

SCALE TOLERANCE

± 3% of scale
Maximum at full range: ± 0.03 in. water / 7.5 PA

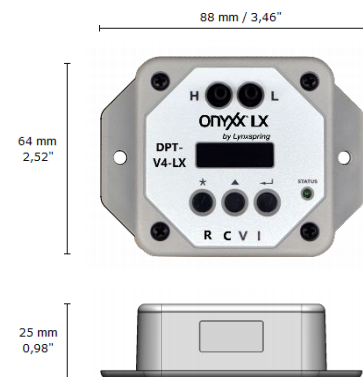
WARRANTY

1 year, parts only

ONYXX® LX
by Lynxspring



Dimensions



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