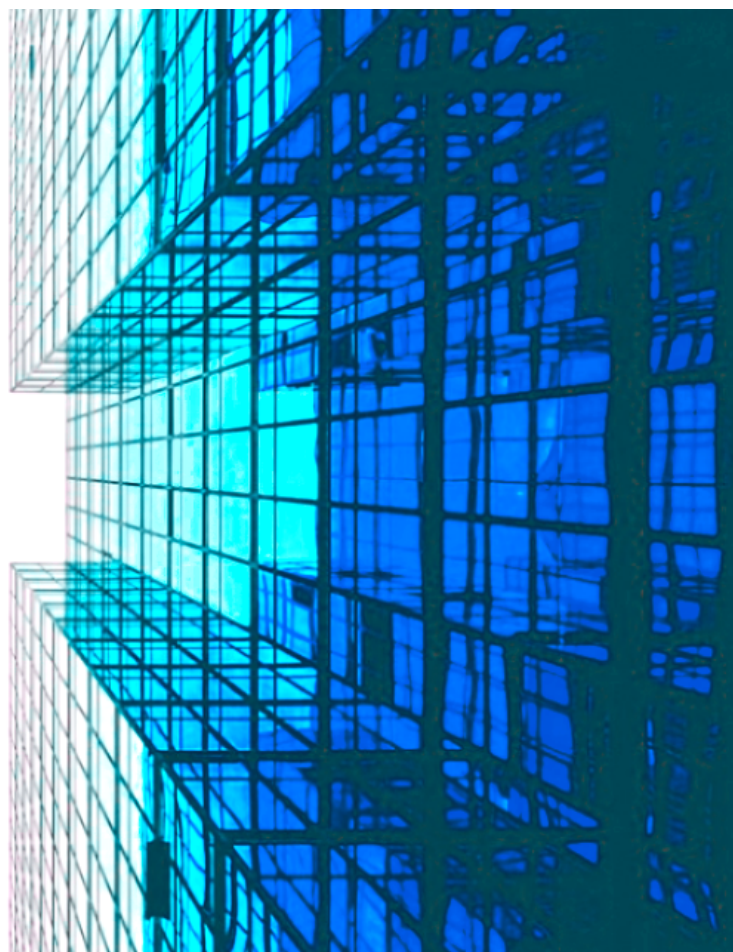




# PX-DPT2 TRANSMITTER

2021 CATALOGUE



THE **PX-DPT2 TRANSMITTER** IS A RUGGED DEVICE WITH A LED DISPLAY & DIGITAL OUTPUT. THIS DEVICE SERVES AS A TRANSMITTER WITH A BUILT-IN SENSOR FOR DIFFERENTIAL AIR PRESSURE.



# GENERAL FEATURES & SPECIFICATIONS



## Electrical Features

- Input Voltage: 16~28VAC/ 16~35VDC
- Output Load:  $\leq 500\Omega$  (current),  $\geq 2K\Omega$  (voltage)
- Output: 4-20 mA & 0-10 V (3 wires)/RS485 (Modbus)
- Electrical wiring: Cable/screw terminals
- CE Approval

## Environmental Limits

- Storage Temperature: -20° to 85° C
- Operating Temperature: 0° to 50° C
- Operating Humidity: 10% to 90% RH (non-condensed)
- Ambient Atmosphere: Non-combustible, non-corrosive air
- Protection Level: IP65

## Structure

- Cooling Method: Natural air cooling
- Material: Aluminum, PC
- External Dimension: 120mm (Diameter), 43mm (Thickness)
- Net weight: Approx. 340g

## Display

- Display: 4 bits 0.8" red LED
- Key: 3 touch buttons

## Sensors

### Differential Pressure

- Range: -62.5 to 62.5Pa
- Working Pressure: 1, 2 5 or 10Kpa for different ranges  
overload 5xFS, burst 10xFS
- Accuracy:  $\pm 1.0\%FS(\pm 2.0\%FS@25Pa \text{ range})$
- Long term stability:  $\pm 0.5\%FS / \text{Year}$
- Thermal effect:  $< 0.05\%FS/^{\circ}C$  (zero),  $< 0.08\%FS/^{\circ}C$  (FS)
- Response Time: 0.5-30s
- Process Connection: 1/8" ID tubing, two pairs (left & back)