

# Differential Pressure Transmitter DT20



- Low Pressure Resolution
- HVAC Monitoring
- Dust Filter Monitoring
- Leak Detection
- Suitable for Air and Water

**Differential Pressure Transmitter DT20** enables precise measurement and control of differential pressure for filter monitoring, clean room pressurization monitoring, air velocity pressure measurement, airflow control, fan tracking, and VAV control. The sensor is a solid state device and hence offers reliability and long life. The sensor is designed for use with non-corrosive, non-ionic working fluids such as air, dry gases and the like.

## Specifications

### Pressure Input

**Number of Channel:** 1 Channel

**Input Type:** Differential Pressure

**Input Range:** 0 to 10 "WG, 0 to 5 "WG,  
0 to 1 "WG

### Output

**Number of Channel:** 1 Channel

**Output Type:** Current (2 Wire)

**Output Range:** 4 to 20mA

**Loop Powered:** 12 to 35 VDC

**Linearity:** <  $\pm 0.5$  % of span

**Output Impedance:** Max. 600  $\Omega$  at 24  
VDC (50  $\Omega$ /V Above 12 VDC)

### Environmental Limits

**Operating Temperature:** 0 to 55 °C

**Operating Humidity:** 5 to 95% RH

**Storage Temperature:** 0 to 70 °C

### Physical Characteristics

**Dimension:** W95 × H100 × D55 mm.

### Warranty

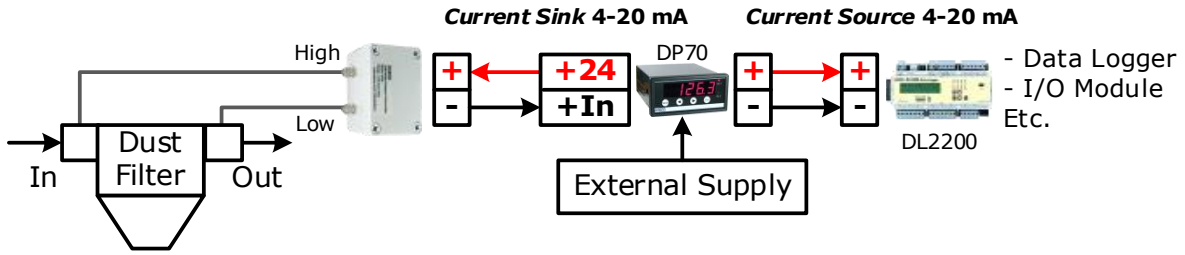
**Warranty Period:** 1 Year

## Ordering Information:

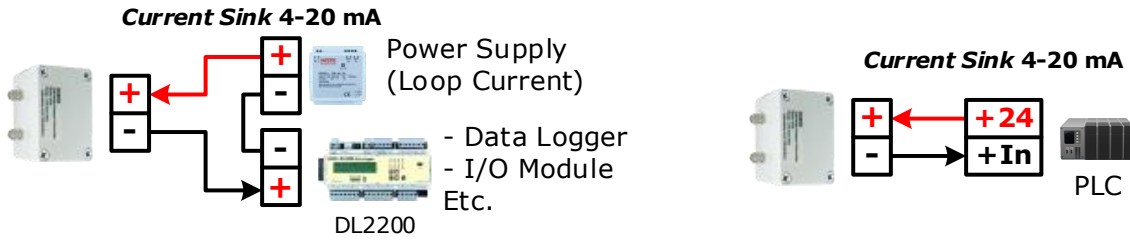
Example DT20

## Package Checklist

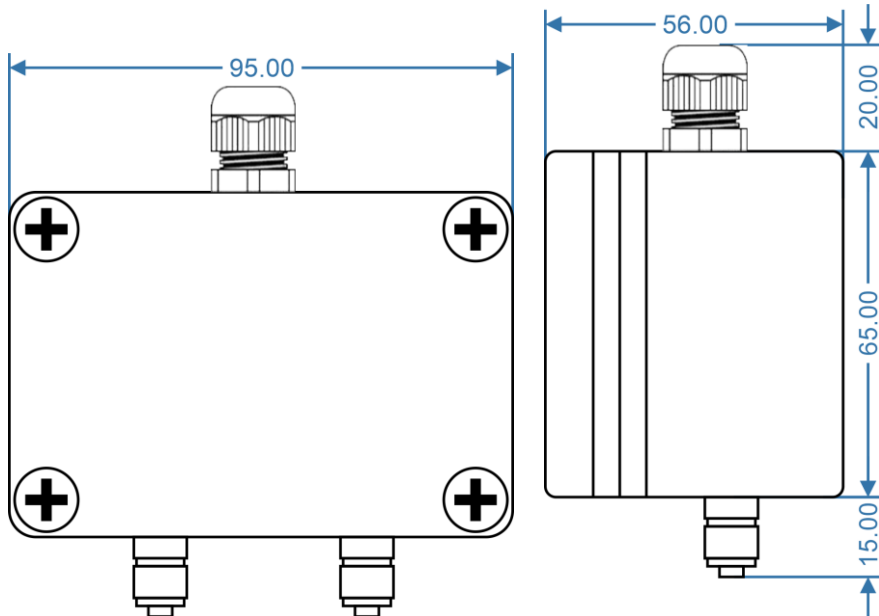
1. DT20



## Dust Filter Monitoring



## Dimension (Unit: mm.)



## Wiring

