

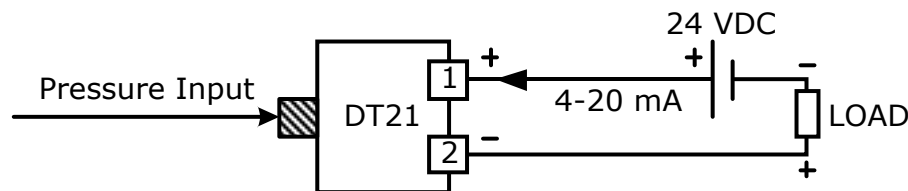
# Pressure Transmitter

## DT21



- Piezoresistive silicon chip employed Resolution
- Perfect long term stability
- MEMS technology

**DT21** industrial pressure transmitter is a standard and most popular transmitter applied in air and liquid pressure measuring. A high sensitivity silicon pressure chip is employed in the sensor. The most important specification for industry application is long term stability. The DT21 pressure transmitter is designed for industry application with perfect long term stability.



### Specifications

#### Pressure Input

**Pressure range:** 0-10 Bar

**Overpressure:** 200% of Full Scale

#### Analog Output

**Output type:** Current (2 Wire, Loop Power)

**Output range:** 4 to 20 mA

**Power Supply:** 12 to 24 VDC

**Accuracy:**  $\pm 0.5$  % F.S. (Typical)

**Output Impedance:** Max. 500  $\Omega$  at 24 VDC (50  $\Omega$ /V above 12 VDC)

### Environmental Limits

**Operating Temperature:** -20 to 125  $^{\circ}$ C

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

**Storage Temperature:** -40 to 125  $^{\circ}$ C

### Physical Characteristics

**Protection:** IP65

**Pressure Connector:** G  $\frac{1}{2}$  Male

**Housing Material:** Stainless Steel 304 (SS316 For Sensor Inside)

**Long-Term Stability:**  $\leq 0.2\%$  F.S. / Year

**Weight:** 180g (Approx)

### Warranty

**Warranty Period:** 1 year

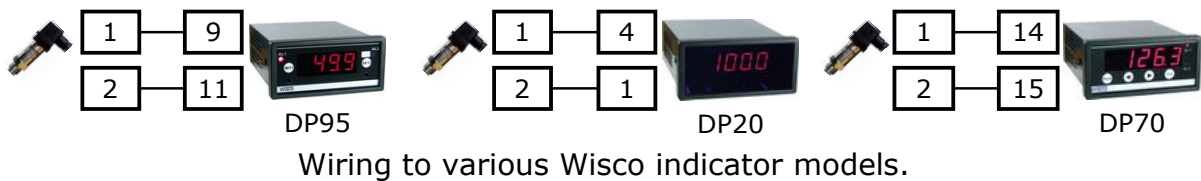
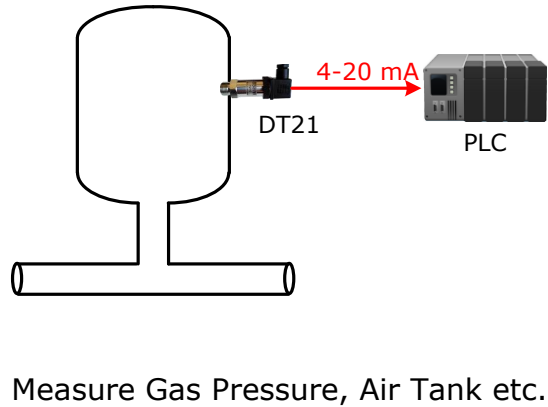
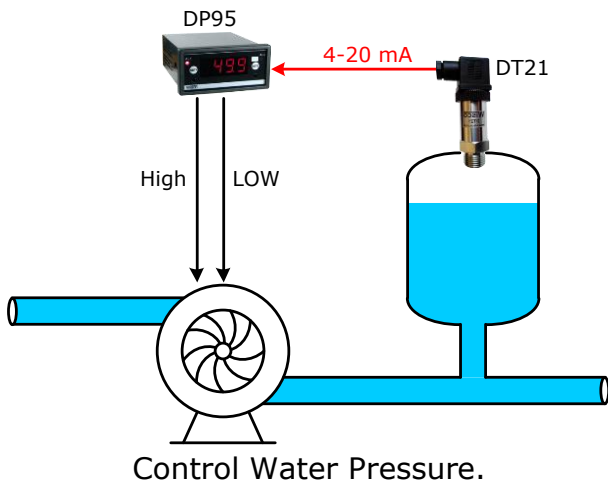
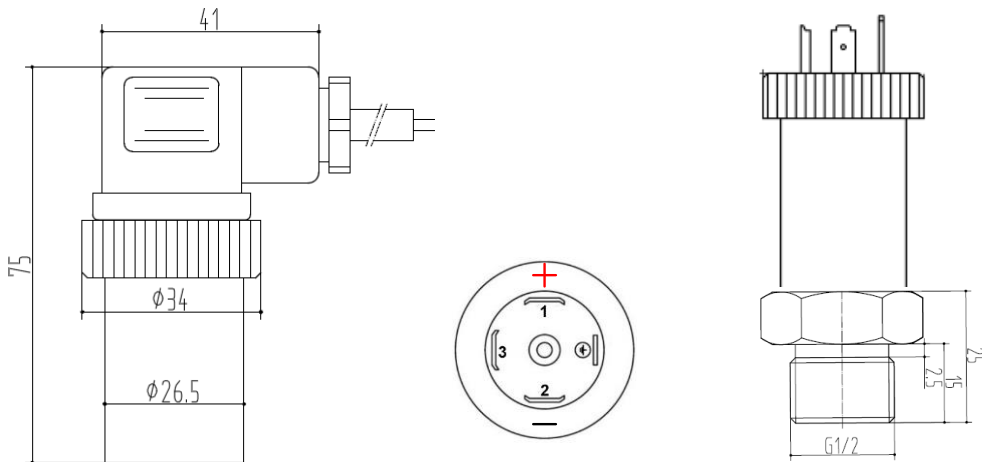
**Ordering Information:** Specify Pressure Rang

Example DT21/0-10 Bar

### Package Checklist

1. DT21

In mm.



### Current Sink 4-20 mA

