

## LIQUID DIFFERENTIAL PRESSURE TRANSMITTERS 0-10VDC 4-20mA

### EWDT..

These units can be used to measure pressure or differential pressure of water, diesel oil, up to 30% glycol or other neutral fluids across pumps, boilers, chillers, valves etc. The 0-10vdc output signal is linear across the range. Suitable for heating, air conditioning and building management systems. For liquid levels 1m depth of water = 100mbar.



EWDT..

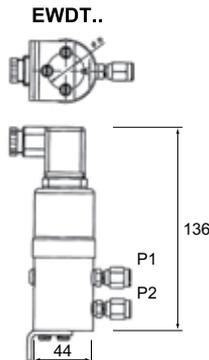
Load : 0-10vdc > 10kΩ  
 4-20mA ≤ (supply -11v) ÷ 0.02A = ohm  
 Response time <10ms  
 Enclosure Flammability : UL94-V0 Max. ambient : 80°C

**EWDT..**  
 Max consumption <35mA Accuracy <1.0%  
 Ceramic sensor  
 The pressure line can be formed into a U shape/syphon for media temperatures up to \*300°C.

| Type            | Range      | Max Press. | Supply ± 10% | Output Signal | Max Media Temp °C | Media Contact Materials | Pressure Connections | Enclosure |
|-----------------|------------|------------|--------------|---------------|-------------------|-------------------------|----------------------|-----------|
| <b>EWDT-001</b> | 0/100 mbar | 0.6 Bar    | 24VAC/DC     | 0-10 vdc      | -15/+80*          | Ceramic/Stainless Steel | 6mm Compression      | IP65      |
| <b>EWDT-002</b> | 0/200 mbar | 1.2 Bar    | 24VAC/DC     | 0-10 vdc      | -15/+80*          | Ceramic/Stainless Steel | 6mm Compression      | IP65      |
| <b>EWDT-025</b> | 0/250 mbar | 1.2 Bar    | 24VAC/DC     | 0-10 vdc      | -15/+80*          | Ceramic/Stainless Steel | 6mm Compression      | IP65      |
| <b>EWDT-004</b> | 0/400 mbar | 2 Bar      | 24VAC/DC     | 0-10 vdc      | -15/+80*          | Ceramic/Stainless Steel | 6mm Compression      | IP65      |
| <b>EWDT-005</b> | 0/500 mbar | 3 Bar      | 24VAC/DC     | 0-10 vdc      | -15/+80*          | Ceramic/Stainless Steel | 6mm Compression      | IP65      |
| <b>EWDT-006</b> | 0/600 mbar | 3 Bar      | 24VAC/DC     | 0-10 vdc      | -15/+80*          | Ceramic/Stainless Steel | 6mm Compression      | IP65      |
| <b>EWDT-1</b>   | 0/1 bar    | 6 Bar      | 24VAC/DC     | 0-10 vdc      | -15/+80*          | Ceramic/Stainless Steel | 6mm Compression      | IP65      |
| <b>EWDT-1.6</b> | 0/1.6 bar  | 12 Bar     | 24VAC/DC     | 0-10 vdc      | -15/+80*          | Ceramic/Stainless Steel | 6mm Compression      | IP65      |
| <b>EWDT-2.5</b> | 0/2.5 bar  | 12 Bar     | 24VAC/DC     | 0-10 vdc      | -15/+80*          | Ceramic/Stainless Steel | 6mm Compression      | IP65      |
| <b>EWDT-4</b>   | 0/4 bar    | 12 Bar     | 24VAC/DC     | 0-10 vdc      | -15/+80*          | Ceramic/Stainless Steel | 6mm Compression      | IP65      |
| <b>EWDT-6</b>   | 0/6 bar    | 12 Bar     | 24VAC/DC     | 0-10 vdc      | -15/+80*          | Ceramic/Stainless Steel | 6mm Compression      | IP65      |
| <b>EWDT-10</b>  | 0/10 bar   | 20 Bar     | 24VAC/DC     | 0-10 vdc      | -15/+80*          | Ceramic/Stainless Steel | 6mm Compression      | IP65      |

**OPTIONAL:** **EWDT..MA** 4-20mA output 2 wire loop

**DIMENSIONS:**



**ACCESSORIES:**

- EE-CT6** Copper tube 6mm OD x 10m for Pressure Switches and Transmitters
- EE-MC1** Brass Male Compression fitting for 6mm OD tube x 1/8" BSP Male
- EE-MC2** Brass Male Compression fitting for 6mm OD tube x 1/4" BSP Male



**WIRING:**

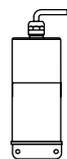


Min sensor / control signal cable size 7/0.2mm  
 Screened cable is recommended. Max cable length 100m

Keep away from power cables/units which may cause interference.  
 The screen should be earthed at controller end only.

**INSTALLATION:**

**EWDT..**



Mounting at any angle is possible