

LIQUID DIFFERENTIAL PRESSURE TRANSMITTERS 0-10 VDC / 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



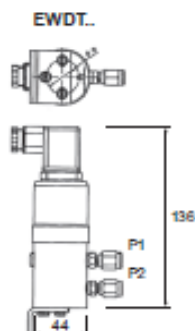
Load : 0-10 vdc >10kΩ
4-20mA ≤ (Supply - 11v) ÷ 0.02A = ohm
Response time <10ms
Enclosure Flammability : UL94-V0 Max. ambient : 80°C

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
EWDT-001	0/100 mbar	0.6 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/stainless Steel	6mm Compression	IP65
EWDT-002	0/200 mbar	1.2 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/stainless Steel	6mm Compression	IP65
EWDT-025	0/250 mbar	1.2 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/stainless Steel	6mm Compression	IP65
EWDT-004	0/400 mbar	2 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/stainless Steel	6mm Compression	IP65
EWDT-005	0/500 mbar	3 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/stainless Steel	6mm Compression	IP65
EWDT-006	0/600 mbar	3 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/stainless Steel	6mm Compression	IP65
EWDT-1	0/1 bar	6 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/stainless Steel	6mm Compression	IP65
EWDT-1.6	0/1.6 bar	12 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/stainless Steel	6mm Compression	IP65
EWDT-2.5	0/2.5 bar	12 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/stainless Steel	6mm Compression	IP65
EWDT-4	0/4 bar	12 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/stainless Steel	6mm Compression	IP65
EWDT-6	0/6 bar	12 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/stainless Steel	6mm Compression	IP65
EWDT-10	0/10 bar	20 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/stainless Steel	6mm Compression	IP65

OPTIONAL: EWDT..MA 4-20m 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 1/4" 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.