

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

EWDT..

These units can be used to measure pressure or differential pressure of water, 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



Accuracy	up to 2.5 bar	1.25%
	up to 4 bar	0.75%
	up to 10bar	0.5%
Max ambient		85°C
Consumption at nom press		20mA
Load	0-10VDC	10KΩ
	4-20mA at 24VDC	0.65KΩ
Response time		<10ms
System pressure	up to 6bar	25bar
	>10bar	50bar

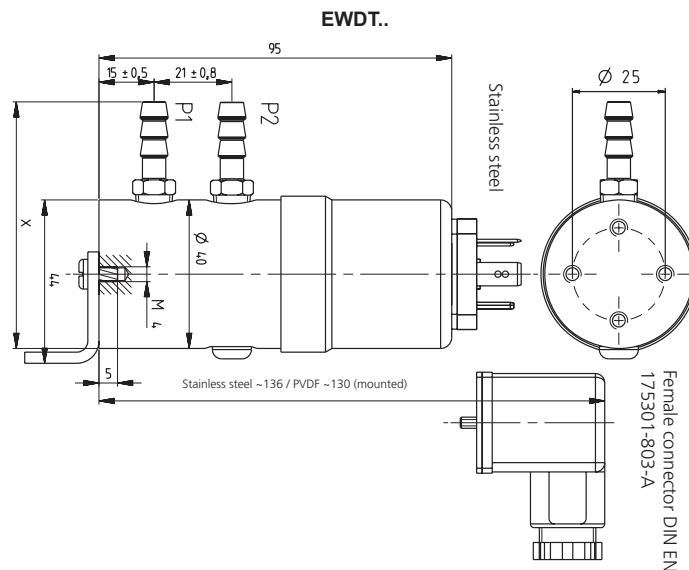
1mbar = 100Pa

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/EPDM	6mm Compression	IP65
EWDT-002	0/200 mbar	1.2 Bar	24VAC/DC	0-10 vdc	-15/+80*		6mm Compression	IP65
EWDT-025	0/250 mbar	1.2 Bar	24VAC/DC	0-10 vdc	-15/+80*		6mm Compression	IP65
EWDT-004	0/400 mbar	2 Bar	24VAC/DC	0-10 vdc	-15/+80*		6mm Compression	IP65
EWDT-005	0/500 mbar	3 Bar	24VAC/DC	0-10 vdc	-15/+80*		6mm Compression	IP65
EWDT-006	0/600 mbar	3 Bar	24VAC/DC	0-10 vdc	-15/+80*		6mm Compression	IP65
EWDT-1	0/1 bar	5 Bar	24VAC/DC	0-10 vdc	-15/+80*		6mm Compression	IP65
EWDT-1.6	0/1.6 bar	12 Bar	24VAC/DC	0-10 vdc	-15/+80*		6mm Compression	IP65
EWDT-2.5	0/2.5 bar	12 Bar	24VAC/DC	0-10 vdc	-15/+80*		6mm Compression	IP65
EWDT-4	0/4 bar	12 Bar	24VAC/DC	0-10 vdc	-15/+80*		6mm Compression	IP65
EWDT-6	0/6 bar	12 Bar	24VAC/DC	0-10 vdc	-15/+80*	6mm Compression	IP65	
EWDT-10	0/10 bar	20 Bar	24VAC/DC	0-10 vdc	-15/+80*	6mm Compression	IP65	

* Tolerable overload one side

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

DIMENSIONS

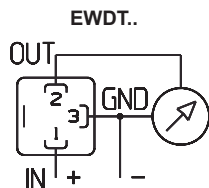


ACCESSORIES:

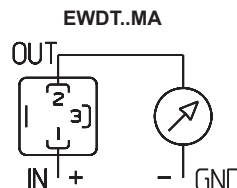
- EE-CT6** Copper tube 6mm OD x 10m for Pressure Switches and Transmitters
- EE-MC1** Brass Male Compression fitting for 6mm OD tube x 1/8" BSP Male
- EE-MC2** Brass Male Compression fitting for 6mm OD tube x 1/4" BSP Male



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.