

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.



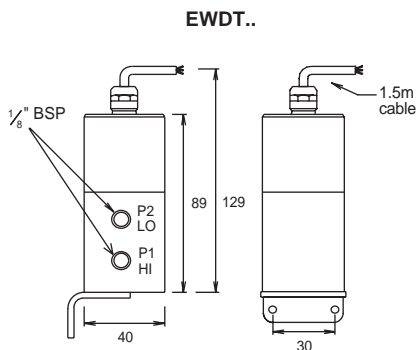
Load : 0-10vdc > 10kΩ
 4-20mA ≤ (supply -11v) | 0.02A = ohm
 Response time <10ms
 Enclosure Flammability : UL94-V0 Max. ambient : 80°C

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 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	1/8" BSP Female	IP65
EWDT-002	0/200 mbar	1.2 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/Stainless Steel	1/8" BSP Female	IP65
EWDT-025	0/250 mbar	1.2 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/Stainless Steel	1/8" BSP Female	IP65
EWDT-004	0/400 mbar	2 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/Stainless Steel	1/8" BSP Female	IP65
EWDT-005	0/500 mbar	3 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/Stainless Steel	1/8" BSP Female	IP65
EWDT-006	0/600 mbar	3 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/Stainless Steel	1/8" BSP Female	IP65
EWDT-1	0/1 bar	6 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/Stainless Steel	1/8" BSP Female	IP65
EWDT-1.6	0/1.6 bar	12 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/Stainless Steel	1/8" BSP Female	IP65
EWDT-2.5	0/2.5 bar	12 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/Stainless Steel	1/8" BSP Female	IP65
EWDT-4	0/4 bar	12 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/Stainless Steel	1/8" BSP Female	IP65
EWDT-6	0/6 bar	12 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/Stainless Steel	1/8" BSP Female	IP65
EWDT-10	0/10 bar	20 Bar	24VAC/DC	0-10 vdc	-15/+80*	Ceramic/Stainless Steel	1/8" BSP Female	IP65

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

DIMENSIONS:



ACCESSORIES:

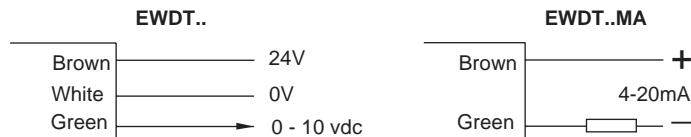
- EE-CT6** Copper tube 6mm OD x 10m for Pressure Switches and Transmitters
- EE-MC1** Brass Male Compression fitting for 6mm OD tube x 1/8" BSP Male
- EE-MC2** Brass Male Compression fitting for 6mm OD tube x 1/4" BSP Male

EE-CT6

EE-MC..



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

CAUTION: These devices are suitable for low voltage supply only. Isolate device from electrical supply before removing cover. Observe design limits of temperatures and pressures. Always ensure the device operates correctly. If failure of the device can cause damage a safety backup control should be fitted. All data is for guidance purposes only, subject to change without prior notice and not guaranteed to be absolutely correct unless confirmed by us in writing.

Device should be checked by a qualified technician before applying any voltage. Observe all relevant safety precautions, wiring/earthing regulations and electrical ratings. Ensure electrical entry hole is completely sealed for all IP65/weatherproof models.

