MP-TX PRESSURE SENSOR

FUNCTION

MP serious pressure sensors can be used to test air non-aggressive gaseous wiith high accutracy. The sensor also provide the temperature compensation function.The temperature is test by the temprature sensor which attached on the chip. Measured data will be transfered to the compensation circuit on the chip to compensate temperature. No need outside temperature compensation.。 Output: 0-10V or 4-20mA.

DMP-TX

GENERAL

The differential pressure transmitters of the MP series are used for measuring differential pressure, positive pressure, and vacuum. The transmitters are suitable for:

- air-conditioning,
- building automation,
- environmental protection,
- valve and flap control,
- filter and blower monitoring,
- fluid and level monitoring, and
- control of air flows.

FEATURES:

- Monitoring non-aggressive gaseous Up to 1bar overload capacity
- Rugged design; protection class IP54
- Easy installation and wiring connection
- singe adjustable by jumper

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SPECIFICATION:

Power supply	18...24...30 V/DC; 50/60 Hz
Output signal	0...10 Vdc/4-20mA
Pressure media	Air, non-aggressive gases
Working temperature	-10...50 °C
Linearity and hysteresis error	1.0% of FS
Storage temperature	-10... 70 C
Humidity	0...95% rh, non-condensing
MP-TX	1.0% of FS per year
Repetition	0.2% of FS Position dependence
Accurracy	0.02% of FS
Response time	1 s (switchable to 100 ms)
Process connection	6 mm hose pipe
Electrical connection	Screw terminal block for wire up to 1.5 mm²
Housing Matial	ABS and POM
Cable entry	M20x1.5
Protection Class	IP54 as per EN60529
Weight	about130 g

MODEL:

Order nr.	**Pressure range**	**Overload capacity**	**Burst pressure**
DMP-T1	0...+50 Pa/0...+100 Pa	1 bar	5 bar
DMP-T2	0...+1000 Pa	1 bar	5 bar
DMP-T3	0...+2000 Pa	1 bar	5 bar
1) -D: LCD			

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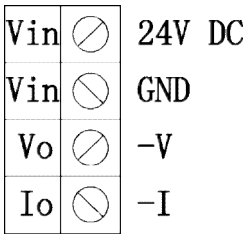
WIRING DIAGRAMS



Power supply: DC24V
OUT:
-V: 0-10V signal
-I: 4-20mA

DIMENSIONS