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MODEL : OMP010
SENSOR OF PRESSION (AVERAGE PRESSION)

- Extended from measurement from 0-5 to 0-750 bar
- Precision ± 0.25 % of standard
- Compatible with all the fluids (Body 17.4PH)
- Mechanical decoupling
- Connection 1/2 GAS male
- For static or dynamic applications
- Conform to standard D.E.S.P
- Probe integrated PT 100 (in option)

- * Made out of treated and aged stainless steel a good resistance to fatigue confers to him.
- * Proposed in seal, this sensor is available in ranges of pressure going from 0-5 to 0-750 bar
- * Sensitive element equipped with strain gauges out of Silicon or to pellicular screens.
- * Beach of use in temperature of -40 with +125°C (option high temperature (-40 to 200 °C) With off-set electronics.)
- *Can receive an electronics 0/10Vou 4/20 my (in option)

ELECTRICAL SPECIFICATIONS

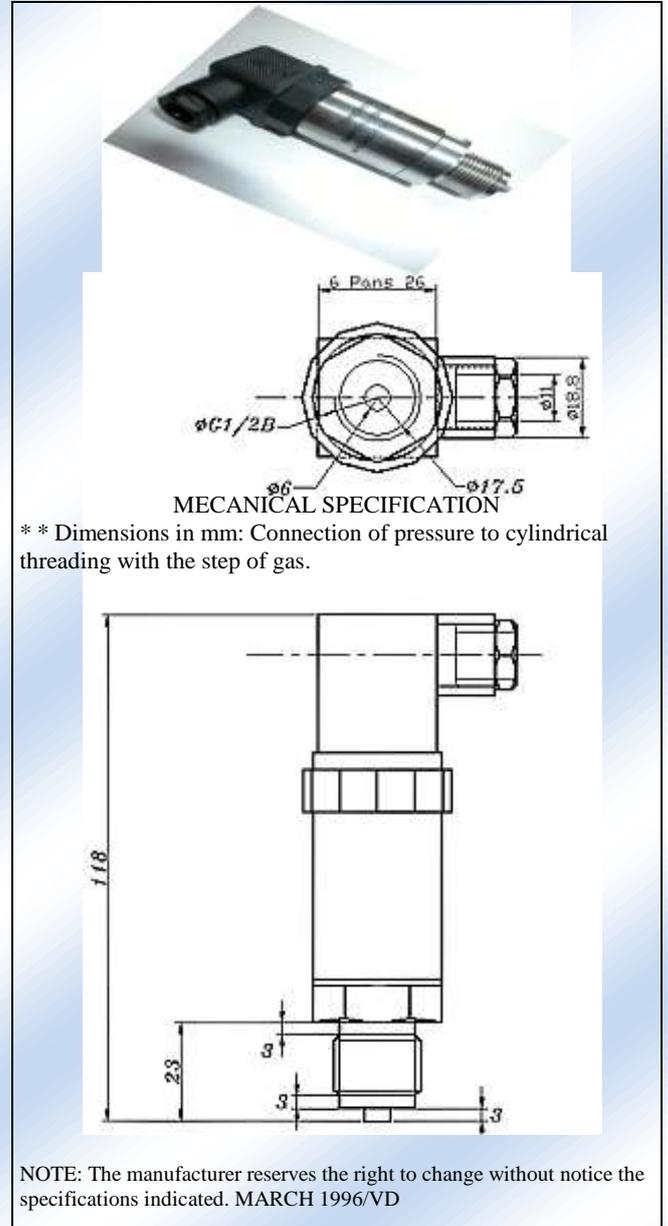
- ** Supply: 10 VCC nominal, 12 VCC max (out of standard)
- ** initial Offset of the sensor: ± 5 % of the E.M
- ** Input / output Impedance: 1000 ohms nominal
- ** Left electric: Hirschmann Connector

THERMAL SPECIFICATIONS

- ** Temperature of use: -40 to 125 °C
- ** Range of compensation in temperature: 0 with 60°C
- ** Drift of zero in the compensated beach: ± 2 % of the E.M
- ** Drift of sensitivity in the compensated beach: $\pm 3.E-2/°C$

OPTIONS

- * High temperature -40 to 200 °C (electronic off-set to see OMM 010 and OMM 011).
- * Electronic amplifier integrated into the sensor
- MT: Food 10 to 32 Volts not controlled, signal 10V
- BT: Food ± 15 Volts Controlled, Signal 10V
- C: Food 10 to 32 Volts not controlled, left 4/20 my



Extended from measurement (bar)	5	10	20	50	100	300	500	750
Acceptable overload (bar)	X 1.5							
Precision (\pm % of E.M.)	0.5							
Sensibility (mV/E.M.) nominale	10 ou 200							
Sensibility (V/E.M.) Op: Option :MT/BT/C(4-20mA)	5 Vcc		10 Vcc		4-20mA			

CODE ORDER

Reference	Option temperature	Pressure	Option Amplifier	Option
OMP010	HT	0-750	MT/BT/C	PT100

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