



## ATMOSPHERIC PRESSURE SENSOR TS 290

The TS 290 atmospheric pressure sensor uses a thermally compensated transducer of high linearity and stability that responds to changes in atmospheric pressure.

The sensor requires a power supply of 9 to 16 Vdc and is ready to be part of an automatic measuring station.

It can be mounted in any position, and has a socket for sensing the pressure remotely in case of installing in watertight compartments.



### SPECIFICATION\*

<b>Range:</b>	<i>600 to 1100 hpa / 500 to 1100 hpa</i>
<b>Output:</b>	<i>0 to 4000 mV</i>
<b>Accuracy :</b>	<i>±0,2hpa (at +20°C)</i>
<b>Resolution:</b>	<i>0,1hpa</i>
<b>Temperature range of operation:</b>	<i>-40°C to + 60°C - Standard</i>
<b>Annual Stability:</b>	<i>0,1hpa / year</i>
<b>Power Supply:</b>	<i>9 to 16 V (typical 12 Vcc)</i>
<b>Consumption:</b>	<i>&lt; 10 mA in 12Vcc</i>
<b>Dimensions:</b>	<i>90 x 90 x 55 mm</i>
<b>Weight:</b>	<i>0,25Kg</i>
<b>Mounting:</b>	<i>On DIN rail</i>
<b>Connection Cable:</b>	<i>Length 5 m.</i>

*\*Other specifications and ranges available upon request.*