

BAROMETER



The barometer is an instrument for measuring atmospheric pressure and is therefore suitable for external use in all cases where pressure values are relevant for other areas of measurement.

Atmospheric pressure at a single point represents the air column directly above that point.

The barometer is a vital instrument in any weather station.

Atmospheric pressure influences many meteorological phenomena such as temperature and humidity.

This particular instrument uses a piezoresistive sensor to measure pressure variation.

TECHNICAL SPECIFICATIONS

BAROMETER

Sensor type	Piezoresistive
Working principle	Resistance variation
Measurement range	850 ÷ 1050 hPa
Accuracy	± 0,5 hPa (at 22 °C)
Thermal adjustment coefficient	0.06 hPa X 1 °C
Temperature measuring range	-30 °C ÷ +60 °C
Supply	10,8 ÷ 15 Vcc
Consumption	< 20 mA
Output	1 ÷ 5 V
Dimensions	120 x 80 x 55 mm

Agisco reserve the right to change their products and specifications without notice

AGISCO s.r.l.

Via A. Moro 2 - 20060 LISCATE (MI) Italia

Tel. +39 02.9587690 - Fax. +39 02.9587381

www.agisco.it - agisco@agisco.it