

ATMOSPHERIC PRESSURE SENSOR

Description

Pressure sensors are electronic barometers with analog output. The transduction element consists of a piezoresistive sensor that provides extremely precise and stable measurements of the atmospheric pressure. The output signal of the sensor is conditioned to provide a output voltage (or current depending on the model) linear and proportional to the pressure atmospheric. They are ideal for acquisition systems or applications remote, like stations automatic weather stations powered by panel, for meteorological applications, systems environmental monitoring, data logging meteorological and environmental. Gestecno provides even the accessories needed for assembly are wall-mounted or integrated into watertight panels.



Technical features

Measuring element	Piezoresistive
Casing material	Plastic
Measuring range	800...1100 mbar
Accuracy	<1 mbar
Resolution	0.1 mbar
Diet	10-24 Vdc
Output signal	0-5 Volt, 4-20 mA, RS485
Cable outlet	cable gland
Protection class	IP65

Ordering Information

PRODUCT	DESCRIPTION CODE
BAR-100	Atmospheric Pressure Sensor

For more information:

Gestecno srl

Loc. Lanciano, 22 - 62022 Castelraimondo (MC) - Italy
Tel/fax: (+39) 0737.642174 - VAT number 01137480438
e-mail: info@gestecno.it - WEB: www.gestecno.it