

SUBMERSIBLE TEMPERATURE SENSOR

Description

It is used immersed in water, placed under the ground or embedded in concrete to control phenomena with high temperature range, such as the day / night cycle on structures, or to compare thermal errors made by some instruments.

The type of sensor (platinum resistance thermometer or IC SHT31) is protected by an IP68 stainless steel container.

The instrument is a stainless steel cylinder inside which the sensor is embedded and sealed by thermoconductive resins.



TEM-6xx



TEM-5xx



TEM-7xx

Technical features

	4-20 mA	0-5 Volt	RS485 Modbus
Type of sensor	termoresistenza Pt100	termoresistenza Pt100	Pt100, IC SHT31
Material	stainless steel	stainless steel	stainless steel
Measurement range	-40...+80 °C	-40...+80 °C	-40...+80 °C
Accuracy	<0.2 °C	<0.2 °C	<0.3 °C
Resolution	0.01 °C	0.01 °C	0.05 °C
Power	10-18 Vdc	10-18 Vdc	10-24 Vdc
Output signal	4-20 mA (2 wires)	0-5 Volt	RS485 Modbus RTU
Class of protection	IP68	IP68	IP68

Please specify:

CODICE	DESCRIZIONE PRODOTTO
TEM-5xx	Submersible temperature sensor
TEM-6xx	Flanged temperature sensor
TEM-7xx	Temperature sensor, magnetic attachment
TEM-8xx	Temperature sensor, fixing by gluing

For more information:

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