

TEMPERATURE

Temperature Sensor compact

Part number: 2.1280.00.700

The measured value is emitted as a resistance value in accordance with DIN IEC 60751 resp. as an analogue voltage or current signal.



Specification

Part number: 2.1280.00.700

Temperature	
Measuring range	-30 ... +70 °C
Meas. element	Pt 100 acc. to DIN IEC 60751 1/3 class B
Electr. output	PT100 resistor
Time constant	20 s (90%)
General	
Ambient temp.	-40 ... +80 °C
Electr. connection	7 pol. plug
Dimension	Ø 20 x 138 mm
Weight	0.35 kg






Versions

No other versions of this product are available.

Accessories

Product	Product name	Brief description
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	Teflonfilter with gauze ZE 20 1.1005.54.901	This hood is placed over the sensor and protects the measurement element from coarse dirt.
	Sinter Filter ZE 21 1.1005.54.902	This basket is placed over the sensor and protects the measurement element from high wind speed (>5 m/s) and increased dust. A necessity for sensors in use in exposed areas, eg. in marine climates, desert, mountains.
	Wall Holder 1.1005.54.903	for mounting the temperature (2.1280.xx.xxx) or hygrothermo Sensor (1.1005..xx.xxx) onto a wall, radiation- and precipitationprotected use (for ex. indoor)
		General
		Clamping range Ø 20 mm
		Mounting plate with with drillings 3 x Ø 6,5 mm
		Material plastic, grey flange
		Dimension 96 mm lang
		Weight 0.075 kg
	Weather and Thermal Radiation Shield, compact 1.1025.55.000	Protective case for the temperature and humidity sensors (2.1280.xx.xxx and 1.1005.54.xxx) sensor compact for outdoor installation without artificial ventilation.
		Material
		Laminations plastic, white
		Mast holder stainless stell
		General
		Mounting at tube Ø 35 ... 50 mm
		Dimension Ø 120 x 275 mm
		Weight 0.8 kg
	Weather and Thermal Radiation Shield, compact 1.1025.55.100	Protective case for the preceding temperature sensor compact for outdoor installation with artificial ventilation.
		Material
		Laminations plastic, white
		Mast holder stainless stell
		General
		Power supply 12V DC, 2 W
		Electr. connection 5 m cable
		Mounting at tube Ø 35 ... 50 mm
		Dimension Ø 120 x 275 mm
		Weight 0.8 kg

