Temperature Sensor compact

Part number: 2.1280.00.000

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: 2.1280.00.000

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	5 m cable
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

	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