

TEMPERATURE

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
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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	<div>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)</div> <table><tr><td colspan="2">General</td></tr><tr><td>Clamping range</td><td>Ø 20 mm</td></tr><tr><td>Mounting</td><td>plate with with drillings 3 x Ø 6,5 mm</td></tr><tr><td>Material</td><td>plastic, grey flange</td></tr><tr><td>Dimension</td><td>96 mm lang</td></tr><tr><td>Weight</td><td>0.075 kg</td></tr></table>	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						
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	Weather and Thermal Radiation Shield, compact 1.1025.55.000	<div>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.</div> <table><tr><td colspan="2">Material</td></tr><tr><td>Laminations</td><td>plastic, white</td></tr><tr><td>Mast holder</td><td>stainless stell</td></tr><tr><td colspan="2">General</td></tr><tr><td>Mounting</td><td>at tube Ø 35 ... 50 mm</td></tr><tr><td>Dimension</td><td>Ø 120 x 275 mm</td></tr><tr><td>Weight</td><td>0.8 kg</td></tr></table>	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				
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