

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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	<p>Teflonfilter with gauze ZE 20 1.1005.54.901</p>	<p>This hood is placed over the sensor and protects the measurement element from coarse dirt.</p>																		
	<p>Sinter Filter ZE 21 1.1005.54.902</p>	<p>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.</p>																		
	<p>Wall Holder 1.1005.54.903</p>	<p>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)</p> <table border="1"> <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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	<p>Weather and Thermal Radiation Shield, compact 1.1025.55.000</p>	<p>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.</p> <table border="1"> <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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