



- **Article number**  
9130.530

Stainless steel sensor equipped with a Teflon probe is especially suitable for high temperature/humidity measurements.

General	
Dimensions, probe	Length 250 mm, Ø 12 mm
Dimensions, housing	117 x 38 mm
Weight	Approx. 200 g
Protection type	Housing/sensor IP40 Sensor head: stainless steel sinter filter
Operating temperature	0...180 °C (handle: up to 80 °C)
Operating humidity range	0...100 % RH
Storage temperature	-20...60 °C
Storage humidity	20...80 % RH

Temperature	
Principle	PT1000 (tolerance class B, DIN EN 60751)
Measuring range	-40 ... 180 °C
Unit	°C
Accuracy	±0,2 °C at 20 °C, otherwise ±0,7 °C
Resolution	0.1 °C

Relative Humidity	
Principle	Capacitive
Measuring range	0 ... 100 % RH
Unit	% RH

# Technical Data

SDI High Temperature-/Humidity sensor



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Accuracy	$\pm 2\%$ (0...90 %), $\pm 3\%$ (90...100 %) RH
Resolution	0.1 % RH