



- **Article number**  
9130.540

Compact temperature-/humidity sensor, in plastic tube. Application in HVAC field, reference measurement in accordance with ISO9000 Quality Assurance.

General	
Dimensions, probe	Length 74 mm, Ø 12 mm
Dimensions, housing	117 x 38 mm
Weight	Approx. 80 g
Protection type	Housing/Sensor IP40 Sensor head plastic mesh
Operating temperature	0...50 °C
Operating humidity range	0...100 % RH
Storage temperature	-20...60 °C
Storage humidity	20...80 % RH

Temperature	
Principle	NTC
Measuring range	-20 ... 70 °C
Unit	°C
Accuracy	at 20 °C ± 0.2 °C at -10...50 °C ± 0.4 °C otherwise ± 0.5 °C
Resolution	0.1 °C

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

# Technical Data

Allround SDI Temperature/Humidity sensor



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