



- **Article number**
8120.TFF

Temperature & humidity probe

General	
Dimensions	Length 85 mm, Ø 12 mm
Weight	Approx. 50 g
Protection type	Polycarbonate / IP65
Operating temperature	-40...80 °C
Operating humidity range	0...100 % RH
Storage temperature	-40...80 °C
Storage humidity	20...80% RH

Air temperature	
Measuring range	-40...80 °C
Unit	°C
Accuracy	at 20 °C ± 0.1 °C; at 0...40°C ± 0.2°C; otherwise ± 0.5°C

Relative humidity	
Measuring range	0...100 %
Unit	%
Accuracy	±2 % r.H. (0...90 % r.H.), ±3 % r.H. (90...100 % RH)

Absolute humidity	
Measuring range	0...300 g/m ³

Unit	g/m^3
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Dew point temperature	
Measuring range	-40...80 °C
Unit	°C

Specific enthalpy	
Measuring range	0...550 g/kg
Unit	g/kg