

Technical Data

SDI Airflow-/Temperature Sensor (0.2...20m/s)



- **Article number**
6120.520

For airflow and temperature measurements in climate technology environment.

General	
Dimensions, probe	Length 200mm, Ø 6mm
Dimensions, housing	117x38mm
Weight	Approx. 200g
Protection type	Housing: plastic (ABS) IP40 Sensor head: stainless steel
Operating temperature	0...50°C
Operating humidity range	0...95% RH
Storage temperature	-20...60°C
Storage humidity	20...80% RH
Response time t90	? 1,5 Sec.

Temperature	
Principle	Thin-film sensor
Measuring range	-20 ... 70 °C
Unit	°C
Accuracy	±0.7°C within the range of 0...50°C
Resolution	0.1 °C

Flow	
Principle	Hot film anemometer
Measuring range	0.2 ... 20 m/s
Unit	m/s

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SDI Airflow-/Temperature Sensor (0.2...20m/s)



Accuracy	$\pm(0.2\text{m/s} + 2\% \text{ of measured value})$
Resolution	0.01 m/s