



- **Article number**  
6120.520

For airflow and temperature measurements in climate technology environment.

**IMPORTANT:** SDI Airflow-/Temperature Sensor (0.2...20m/s) is discontinued

| General                  |   |
|--------------------------|---|
| Dimensions, probe        | Length 200mm, Ø 6mm   |
| Dimensions, housing      | 117x38mm  |
| Weight                   | Approx. 200g  |
| Protection type          | Housing: plastic (ABS) IP40<br>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 |

# Technical Data

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



|                 |  |
|-----------------|--|
| Measuring range | 0.2 ... 20 m/s                                       |
| Unit            | m/s  |
| Accuracy        | $\pm(0.2\text{m/s} + 2\% \text{ of measured value})$ |
| Resolution      | 0.01 m/s   |