



### Main

|                                       |                          |
|---------------------------------------|--------------------------|
| Range of product                      | STD550                   |
| Product or component type             | Sensor                   |
| Type of measurement                   | Temperature              |
| Device application                    | Duct                     |
| IP degree of protection               | IP65                     |
| Location                              | Plant room               |
| Mounting support                      | Duct                     |
| Depth                                 | 44 mm                    |
| Height                                | 84 mm                    |
| Net weight                            | 0.09 kg                  |
| Width                                 | 65 mm                    |
| Output type                           | Resistive output         |
| Product compatibility                 | Continuum                |
| Standards                             | EN 50082-2<br>EN 50081-1 |
| Colour                                | Black and green          |
| Ambient air temperature for operation | -40...100 °C             |
| Relative humidity                     | 0...90 %                 |
| Sensor type                           | 10 kOhm NTC temperature  |
| Targeted region                       | Asia Pacific.<br>Europe  |

### Complementary

|                         |                                                                    |
|-------------------------|--------------------------------------------------------------------|
| Material                | PVC (polyvinyl chloride): cable<br>Stainless steel: sensor element |
| Time constant           | 25000 ms 3 l/min                                                   |
| Connections - terminals | Wire (AWG 24...AWG 18)                                             |
| Length                  | 100 mm for side sensor                                             |
| Measurement accuracy    | 0...25 °C +/- 0.2 °C                                               |

### Environment

|                        |                        |
|------------------------|------------------------|
| Temperature probe type | NTC 10000 Ohm at 25 °C |
| Product certifications | CE                     |

### Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 4.5 cm  |
| Package 1 Width              | 13.3 cm |
| Package 1 Length             | 6.6 cm  |
| Package 1 Weight             | 104.0 g |

## Offer Sustainability

|                            |                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                           |
| REACH Regulation           | <a href="#"> REACH Declaration</a>             |
| EU RoHS Directive          | Compliant <a href="#"> EU RoHS Declaration</a> |
| Toxic heavy metal free     | Yes                                                                                                                             |
| Mercury free               | Yes                                                                                                                             |
| China RoHS Regulation      | <a href="#"> China RoHS Declaration</a>        |
| RoHS exemption information | <a href="#"> Yes</a>                           |
| Environmental Disclosure   | <a href="#"> Product Environmental Profile</a> |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 24 months |
|----------|-----------|