



### Main

|                           |                          |
|---------------------------|--------------------------|
| Range of product          | STD591                   |
| 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                | 0.19 kg                  |
| Width                     | 65 mm                    |
| Output type               | Resistive output         |
| Product compatibility     | Continuum                |
| Standards                 | EN 50082-2<br>EN 50081-1 |
| Colour                    | Black and green          |
| Sensor type               | 10 kOhm NTC temperature  |
| Targeted region           | Asia Pacific.<br>Europe  |

### Complementary

|                         |                                       |
|-------------------------|---------------------------------------|
| Material                | PA (polyamide): connection box        |
| Time constant           | 120000 Ms 1 l/min<br>80000 ms 3 l/min |
| Connections - terminals | Wire (AWG 24...AWG 18)                |
| 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             | 7.2 cm  |
| Package 1 Width              | 9.6 cm  |
| Package 1 Length             | 20.2 cm |
| Package 1 Weight             | 256.0 g |

## Offer Sustainability

|                            |                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                           |
| REACH Regulation           | <a href="#"> REACH Declaration</a>             |
| EU RoHS Directive          | Compliant with Exemptions                                                                                                       |
| 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 |
|----------|-----------|