

## PRODUCT DATASHEET

Type: ET-3356-1  
Art. Nr.: 46093



9120105419123

**Short description**

Humidity and temperature sensor for ET-9300/ET-9200F

**Product Description**

The ET-

3356 is a ground sensor for the combined measurement of temperature and humidity readings in rideable or walkable open areas. It has a robust design, made of brass and is fully encapsulated. Thanks to its very low installation height, it is particularly suitable for stairs, terraces, etc. The connection cable can be routed either downwards or sideways. Incl. connection cable. Diameter 68 mm, H 31 mm (cable sideways) or 65 mm (cable downwards), load capacity 20 kN, temperature range -30 °C to °C, humidity measurement -20 °C to °C.

**ETIM characteristics**

|                                        |         |                                                |                                |
|----------------------------------------|---------|------------------------------------------------|--------------------------------|
| <b>Scope of application</b>            | Outside | <b>Cable length</b>                            | 1 Metre                        |
| <b>With mounting material</b>          | ×       | <b>Sensor length</b>                           | 0 Millimetre                   |
| <b>Suitable for wall mounting</b>      | ×       | <b>Insert length</b>                           | 0 Millimetre                   |
| <b>Suitable for ceiling mounting</b>   | ×       | <b>Diameter sensor element</b>                 | 0 Millimetre                   |
| <b>Suitable for duct mounting</b>      | ×       | <b>Number of measuring points</b>              | 1                              |
| <b>Suitable for tube mounting</b>      | ×       | <b>CO2 measuring range</b>                     | 0 0 parts per million          |
| <b>Suitable for air</b>                | ✓       | <b>VOC measuring range</b>                     | 0 0 parts per million          |
| <b>Suitable for liquids</b>            | ✓       | <b>Temperature measuring range</b>             | - Degrees celsius<br>30 <br>50 |
| <b>Suitable for gases</b>              | ×       | <b>Measuring range relative air humidity</b>   | 0 0 Percentage                 |
| <b>With housing</b>                    | ✓       | <b>Measuring range absolute air humidity</b>   | 0 0 Gram per cubic metre       |
| <b>Cover attachment</b>                | Other   | <b>Enthalpy measuring range</b>                | 0 0 Kilojoule per kilogram     |
| <b>Sensor element inside housing</b>   | ✓       | <b>Dewpoint measuring range</b>                | 0 0 Percentage                 |
| <b>Sensor element outside housing</b>  | ×       | <b>Particulate matter measuring range (PM)</b> | 0 0 Microgram per cubic metre  |
| <b>Fixed cable to sensor</b>           | ✓       | <b>Number of measuring ranges</b>              | 0                              |
| <b>Material element</b>                | Other   | <b>Tolerance</b>                               | 5 Percentage                   |
| <b>Technology</b>                      | Other   | <b>Rated supply voltage AC</b>                 | 0 0 Volt                       |
| <b>Active temperature measurement</b>  | ✓       | <b>Rated supply voltage DC</b>                 | 12 <br>12                      |
| <b>Passive temperature measurement</b> | ×       | <b>Number of output signals</b>                | 1                              |
| <b>Average temperature measuring</b>   | ×       | <b>Number of output ranges 0 V ... 5 V</b>     | 0                              |
| <b>Measurement of CO2</b>              | ×       | <b>Number of output ranges 0 V ... 10 V</b>    | 0                              |

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|                                             |            |                                            |                                |
|---------------------------------------------|------------|--------------------------------------------|--------------------------------|
| Measurement of VOC                          | ×          | Number of output ranges<br>2 V ... 10 V    | 0                              |
| Measurement of relative<br>air humidity     | ✓          | Number of output ranges<br>0 mA ... 20 mA  | 0                              |
| Measurement of absolute<br>air humidity     | ✓          | Number of output ranges<br>4 mA ... 20 mA  | 0                              |
| Enthalpy measurement                        | ×          | Scope of application, flow<br>speed medium | 0 0 Metre per second           |
| Measurement of dewpoint                     | ×          | Max. ambient humidity<br>(non-condensing)  | 10 Percentage<br>0             |
| Particulate matter<br>measurement (PM)      | ×          | Ambient temperature                        | - Degrees celsius<br>30 <br>50 |
| Offset setting possible                     | ×          | Housing height                             | 35 Millimetre                  |
| Trend representation                        | ×          | Housing width                              | 70 Millimetre                  |
| Error registration possible                 | ×          | Housing depth                              | 70 Millimetre                  |
| Sensor type                                 | PTC        |                                            |                                |
| Potentiometer with<br>adjustment knob       | ×          |                                            |                                |
| Supporting protocol for<br>BACnet           | ×          |                                            |                                |
| Supporting protocol for<br>Modbus           | ×          |                                            |                                |
| Supporting protocol for MP<br>(multi point) | ×          |                                            |                                |
| Supporting protocol for<br>KNX              | ×          |                                            |                                |
| LoRa technology                             | ×          |                                            |                                |
| NFC (Near Field<br>Communication)           | ×          |                                            |                                |
| Bluetooth                                   | ×          |                                            |                                |
| Wi-Fi-compatible                            | ×          |                                            |                                |
| Standby push button                         | ×          |                                            |                                |
| Wireless                                    | ×          |                                            |                                |
| With display                                | ×          |                                            |                                |
| Type of display                             | Other      |                                            |                                |
| Type of power supply                        | Power cord |                                            |                                |
| Type of electric connection                 | Other      |                                            |                                |
| With reverse polarity<br>protection         | ×          |                                            |                                |
| Explosion-proof                             | ×          |                                            |                                |
| Degree of protection (IP)                   | IP67       |                                            |                                |
| Housing colour                              | Other      |                                            |                                |
| UV resistant                                | ×          |                                            |                                |
| Compatible with Apple<br>HomeKit            | ×          |                                            |                                |
| Compatible with Google<br>Assistant         | ×          |                                            |                                |
| Compatible with Amazon<br>Alexa             | ×          |                                            |                                |
| IFTTT support available                     | ×          |                                            |                                |

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