DATASHEET.

ETHERMA°
INGENIOUS HEATING

Product name
ET-3356-50

Item number
40788

Manufacturer
ETHERMA

Product description

Humidity and temperature sensor for ET-9300/ET-9200F, L 50m

The ET-3356-50 is a ground sensor for the combined measurement of temperature and humidity values in drivable or walkable open areas. It has a rugged brass finish and is fully cast. Thanks to a very low height, it is particularly suitable for stairs, terraces, etc. The connection cable can be led out either downwards or to the side. Incl. connection cable of 50 m. Diameter: 68 mm, height: 31 mm (cable to the side) or 65 mm (cable to the bottom), load capacity: 20 kN, temperature range: -30 °C to °C, humidity meter -20 °C to °C.

Technical Details

Scope of application	Outside	Cable length	50 Metre
With mounting material	No	Sensor length	0 Millimetre
Suitable for wall mounting	No	Insert length	0 Millimetre
Suitable for ceiling mounting	No	Diameter sensor element	0 Millimetre
Suitable for duct mounting	No	Number of measuring points	1
Suitable for tube mounting	No	CO2 measuring range	0|0 parts per million
Suitable for air	Yes	VOC measuring range	0|0 parts per million
Suitable for liquids	Yes	Temperature measuring range	75| Degrees celsius 75
Suitable for gases	No	Measuring range relative air humidity	0|1 Percentage 00
With housing	Yes	Measuring range absolute air humidity	0|0 Gram per cubic metre
Cover attachment	Other	Enthalpy measuring range	0|0 Kilojoule per kilogram
Sensor element inside housing	Yes	Dewpoint measuring range	0|0 Percentage
Sensor element outside housing	No	Particulate matter measuring range (PM)	0|0 Microgram per cubic metre
Fixed cable to sensor	Yes	Number of measuring ranges	1
Material element	Other	Tolerance	5 Percentage
Technology	Other	Rated supply voltage AC	0|0 Volt
Active temperature measurement	Yes	Rated supply voltage DC	12| Volt 12
Passive temperature measurement	No	Number of output signals	1

Average temperature measuring	No		**Number of output ranges 0 V … 5 V**	0
Measurement of CO2	No		**Number of output ranges 0 V … 10 V**	0
Measurement of VOC	No		**Number of output ranges 2 V … 10 V**	0
Measurement of relative air humidity	Yes		**Number of output ranges 0 mA … 20 mA**	0
Measurement of absolute air humidity	No		**Number of output ranges 4 mA … 20 mA**	0
Enthalpy measurement	No		**Scope of application, flow speed medium**	0|0 Metre per second
Measurement of dewpoint	No		**Max. ambient humidity (non-condensing)**	10 Percentage 0
Particulate matter measurement (PM)	No		**Ambient temperature**	75| Degrees celsius 75
Offset setting possible	No		**Housing height**	35 Millimetre
Trend representation	No		**Housing width**	70 Millimetre
Error registration possible	No		**Housing depth**	70 Millimetre
Sensor type	PTC			
Potentiometer with adjustment knob	No			
Supporting protocol for BACnet	No			
Supporting protocol for Modbus	No			
Supporting protocol for MP (multi point)	No			
Supporting protocol for KNX	No			
LoRa technology	No			
NFC (Near Field Communication)	No			
Bluetooth	No			
Wi-Fi-compatible	No			
Standby push button	No			
Wireless	No			
With display	No			
Type of display	Other			
Type of power supply	Power cord			
Type of electric connection	Other			
With reverse polarity protection	No			
Explosion-proof	No			
Degree of protection (IP)	IP67			
Housing colour	Other			
UV resistant	Yes			
Compatible with Apple HomeKit	No			
Compatible with Google Assistant	No			
Compatible with Amazon Alexa	No			
IFTTT support available	No			