

# YY70F001

## Hygiene & infection protection • Room climate monitoring

Sensor temperature, humidity, 70x70x25mm, 10-35V DC, 2x 4-20mA, terminals, plastic PVC, IP20



### Air humidity Room temperature

Environmental conditions Room temperature and air humidity

#### Electrical features

Type of analog output	4 - 20mA
Type of electrical connection	Clamped terminal connection
Setting procedure	Manual adjustment
Measuring range, temperature	0 - 50 °C
Measuring accuracy of temperature	±0,5%
Operating voltage (DC)	10 - 35 V
Number of analog output channels	2

#### Mechanical features

Wire cross section	0,13 - 1,5 mm <sup>2</sup>
Design	Cuboid
Width	70 mm
Height	20 mm
Length	70 mm
Degree of protection (IP)	IP20
Housing material	Plastic PC
Ambient temperature	-20 - 80 °C

#### Other features

Relative air humidity (non-condensing)	0 - 95 %
Measuring range relative humidity	0 - 100 %
Measuring accuracy of relative humidity	<2%

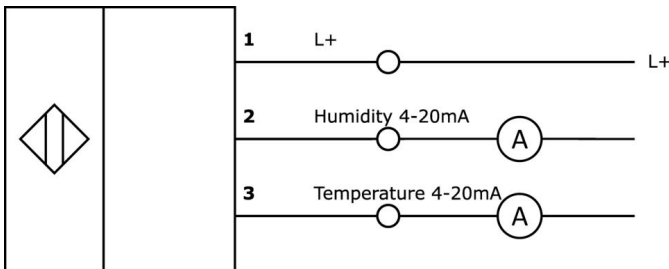
#### Classification

ETIM 8
--------

**More**

IPF Product Group	310 temperature sensors
packaging dimensions	76 x 50 x 121 mm
gross weight	73 g
Customs tariff number	90258040
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

**Connection**



**Installation**

Mounting / installation may only be carried out by a qualified electrician!



**Disposal**

WEEE number according to § 6 para. 3 ElektroG: 40951076

**Safety warnings**

- / Before initial operation, please make sure to follow all safety instructions that may be provided in the product information.
- / Never use these devices in applications where the safety of a person depends on their functionality.