

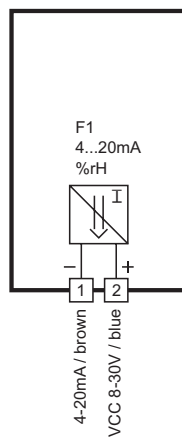
Humidity sensor

Order no.: 900156.121

As of: 05.07.2024



Wiring diagram



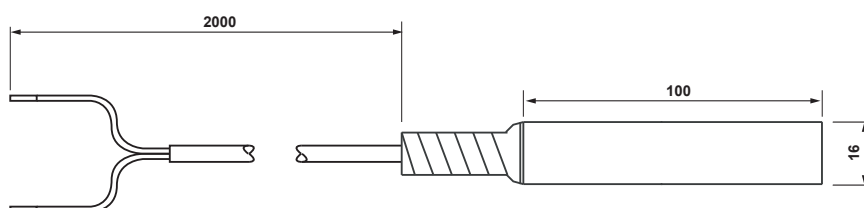
Product description

The FF24 is a duct sensor with capacitive humidity measurement. The signal is fed to the respective measuring or control instrument as a 4-20 mA output in two-wire technology. Due to the fast response time and the robust design, the FF24 can be used in many air conditioning and refrigeration applications.

Measuring range:	0 ... 100 % r.H.
Cable length:	2m
Cable material:	PVC
Sleeve:	16 x 100 mm
Tightness:	IP54

Output	F1: 4...20 mA for 0...100% relative humidity (r.H.)
Measuring range	rel. Humidity: 0...100% r.H. (working range 5...95%)
Tolerance	rel. Humidity: +/- 2 % typ. between 0 ... 100 % r.H.
Supply voltage	9 ... 30 V=
Load	< 800 Ohm
Connection cable	PVC, 2 x 0.25 mm ² Length 2.0 m Connection via wire end ferrules Connection +, colour blue Connection -, colour brown
Weight	80 g
Housing	Material PVC; colour black Installation length 100 x 16 mm + bend protection
Filter element	Material PTFE with polyester fabric, dirt filter pore size 1.5 µm
Ambient temperature	-30 ... +70 °C
Storage temperature	-30 ... +80 °C

Dimensions:



Installation instructions:

