



Duct probes for the recording of temperatures and humidity 0 – 10V

Application

Duct humidity probes with housings made of impact-resistant plastic for the recording of outdoor temperatures and humidity. Easily mounted to an exterior wall. These probes can additionally be used in the agricultural sector, the industrial sector or in greenhouses. Analog output signal 0 – 10 V.

Technical specifications	Type KFTF010
Sensor element:	Semiconductor sensor
Power supply:	15 – 35VDC
Sensor accuracy temp.:	+/- 0.8°C
Sensor accuracy RH.:	< 3%
Measuring range temperatur:	0 – 50°C or switchable to -20°C to +80°C
Measuring range humidity:	5 – 95%
Output signal:	2 x 0 – 10V
Connection cable:	Depending on customer specifications
Dimensions:	72 x 64 x 39mm
Cable gland:	M16
Housing:	Polyamide housing, colour pure white
Area of application::	-30°C to + 85°C
Electrical connection::	0.14 – 1.5 mm ² , screw terminal
Protection class:	IP64
EMV:	EN 61000-6-3:2001, EN 61000-6-2:2001

Areas of application: Building technology, ventilation technology, heating technology, process technology

Options: Measuring transducers 4 – 20mA, variable cable lengths, connectors