AFFD2 - Outdoor humidity sensor

1 active output + display

HUMIDITY

Technical data

Output values (selectable for the number of outputs)	Relative humidity: 0…100% Absolute humidity: 0…300 g/m³ dew point temperature: -30 °C…+80 °C Temperature output: 0 °C…+50 °C oder -20 °C…+80 °C	
Number of outputs	1 active output 1 display	
Output signal	0…10 V or 4…20 mA (selectable with DIP-switches)	
Display	4-digit display	
Supply	at output voltage 0…10 V: at output current 4..20 mA:	16…32 VDC / 24 VAC ± 10% 32 VDC
Accuracy	Humidity, typically: Temperature, typically:	+/- 2% r.h. (10…90% r.h.) +/- 0,3 K
adjustable humidity offset	±2%, others on request restore to factory setting via push-button	
Protection	IP65	
Process connection	Filter element 100 µm, probe 50 mm, Ø12 mm	
Operating temperature	-10 °C…+60 °C (Transmitter) / -20 °C…+80 °C (Sensor probe)	
Standards	EN 61326:2013 / EMC directive 2014/30/EU	

Order code	Output	Price
AFFD2	0…10 V or 4-20 mA	157,00 €

Optional service

Calibration on request