

TECHNICAL DATA SHEET

Humidity Sensor DucoBox Energy Comfort (Plus)

The optional Humidity sensor is placed in the extract air duct (ETA) of the DucoBox Energy Comfort (Plus) and centrally measures the humidity of the air extracted from the house. The sensor is mounted airtight in the extract air pipe via a 10.5 to 12 mm bore. The pre-mounted power and communication cable allows for a quick "plug & play" connection of the sensor to the PCB of the DucoBox Energy Comfort (Plus).



Physical characteristics

Item number	0000-4723
Dimensions (W x H x D)	Mounting flange: 45 x 20 x 2 mm • holes \varnothing 16 mm (sensor), 2 x \varnothing 4.5 mm (self-tapping screws) Sensor casing: \varnothing 20 x 87 mm • insertion depth: 58 mm Cable length: 2000 mm
Weight:	69 grams
Material	PP (mounting flange) TPE (sensor casing)
Mounting/installation instructions	Channel bore ETA \varnothing 10,5 - 12 mm
Colour	Mounting flange: White RAL9010 Sensor casing: Black

Electrical characteristics

Communication	With DucoBox directly
Power supply	3.3 VDC
Power	Average: 0.005 mW Peak: 40 mW
Sensor	Relative humidity (temperature)
RH Range	0 - 100 % RH
RH accuracy	+/- 2% RH
CO₂ Range	5 - 60 °C (best performance)
CO₂ accuracy	+/- 0,5 °C
IP Class	IP65

