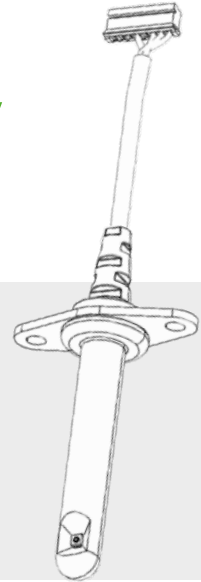


## TECHNICAL DATA SHEET

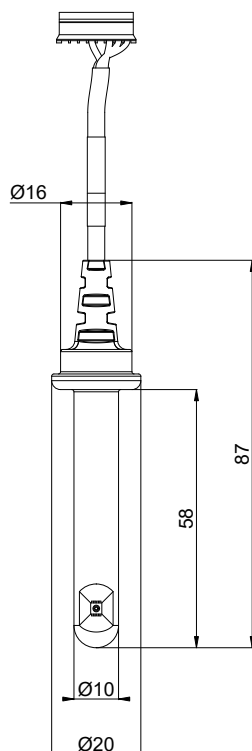
# Humidity Sensor DucoBox Energy Comfort (Plus)

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

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



### Electrical characteristics

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

