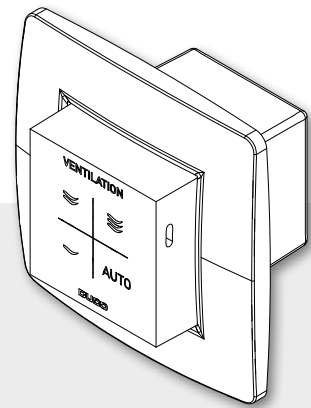# TECHNICAL DATA SHEET
Humidity Sensor

Optional component within DUCO's demand-controlled ventilation systems. The Humidity Sensor measures both relative humidity (RH) and temperature in moist rooms thus controlling the ventilation system. The humidity room sensor is powered by 230VAC or 24VDC and communicates wirelessly ('RF') or wired ('Wired').

Physical characteristics

Article number **+ Colour**	0000-4605 (Black) 0000-4606 (White)
Width x Height x Depth (mm)	69 x 69 x 55.5 (excl. cover plate) 83 x 83 x 55.5 (incl. cover plate)
Weight	179 grams
Material	Polycarbonate-ABS
Display	4 RGB LEDs
Operation	3 positions + automatic control
Suitable for use with	DucoBox Silent (Connect) (FR) DucoBox Focus / DucoBox Hygro Plus DucoBox Energy

Electrical characteristics

Power supply + communication	230VAC > wireless ('RF') 24VDC > Wired
Peak power	1,2 W
RH range	0 – 100% RH
RH accuracy	20-80%: +/- 3% 0-20% / 80-100%: up to 5%
Reverse polarity protection	Graetz bridge
IP class	IP31

Operating conditions

Temperature	0°C - 40°C
Humidity	Not water-resistant

RF-WIRED / 230VAC - 24VDC

DUCO