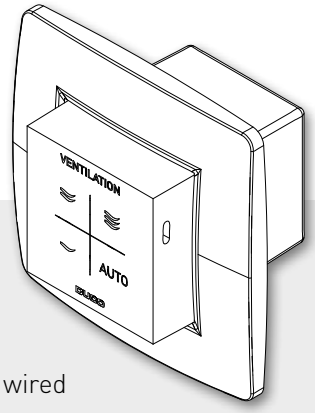
TECHNICAL DATA SHEET

CO_2 Sensor



Optional component within DUCO's demand-controlled ventilation systems. The CO_2 Sensor measures both the CO_2 content (an indicator of indoor climate) and the temperature in the living areas, thus controlling the ventilation system. The CO_2 room sensor is powered by 230VAC or 24VDC and communicates wirelessly ('RF') or wired ('Wired').

Physical characteristics

Item number + colour	0000-7114 (Black) 0000-4604 (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	182 grams
Material	Polycarbonate-ABS
Display	4 RGB LEDs
Operation	3 positions + automatic control
Suitable for use with	DucoBox Reno DucoBox Silent (Connect) DucoBox Focus DucoBox Energy

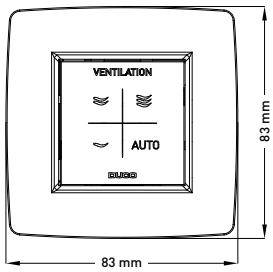
Electrical characteristics

Power supply + communication	230VAC > wireless ('RF') 24VDC > Wired
Peak power	1,8 W
CO_2 range	300 – 2000 ppm
CO_2 accuracy	40 ppm +/- 5%
Reverse polarity protection	Graetz bridge
IP class	IP31

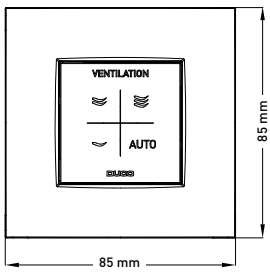
Operating conditions

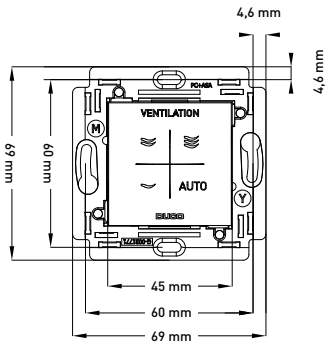
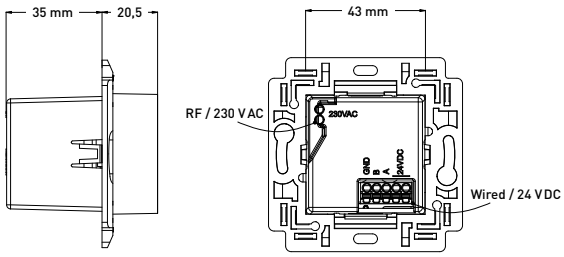
Temperature	0°C - 40°C
Humidity	Not water-resistant

White



Black





RF/Wired