

EAQ 10/3



Short description

Sensor for measuring air quality and air humidity with a linear output signal of 0-10 V. For WS 170 KB., WR 310/WR 410, WS 320 and WS 470 ventilation units. Depending on VOC and humidity levels, a potential-free switching contact can also be used and its switching point set using a potentiometer. If a potentiometer is completely turned to the right, the respective measurement values are not analysed (VOC and/or humidity). Rated voltage 12 V – 25 V AC or 12 V – 35 V DC

Article number 0157.0829

Technical data

Type of voltage	Alternating current/direct current
Rated voltage	12 V - 25 V AC or 12 V - 35 V DC
Output signal	0 V - 10 V
I _{max}	14 mA (at 24 V, I _{max} Relay 0.5 A 36 VAC/VDC)
Maximum load	0,5 A
Degree of protection	IP 30
Electrical plug-type connection	Plug with screw terminals for 0.25... 1.5 mm ²
VOC switching point	1.300 ppm / CO ₂ -Equivalent +/- 500 ppm can be set
Humidity switching point	50 % / relative humidity +/- 20 r.h. can be set
Relative humidity measurement range	5 % - 95 %
Installation site	Wall
Type of installation	Surface-mounted
Housing material	Synthetic material
Colour	Pure white, similar to RAL 9010
Weight	0,08 kg
Weight including packaging	0,14 kg
Width	80 mm
Height	80 mm
Depth	25 mm
Width with packaging	190 mm
Height with packaging	120 mm
Depth with packaging	48 mm
Ambient temperature	0 °C up to 50 °C
Sensor measurement range	450 ppm - 2.000 ppm - CO ₂ equivalent
Packing unit	1 piece
Range	K
GTIN (EAN)	4012799578291