VOC / AQ

Flush mount tVOC / Air quality Sensor

fortuneUK

Description

Single gang flush mount plate with a tVOC sensor (Total Volatile Organic Compounds) with 2 off 0 - 10Vdc outputs
State of the art MOS sensor technology with intelligent detection algorithms to monitor true Air quality in confined spaces such as meeting rooms, classrooms, restaurants and production facilities etc

Available in a wide range of materials and finishes

Material

Brushed stainless steel, Polished stainless steel, Lacquered Brass, Powder coated in RAL colours. Any plated finish to match existing electrical hardware
(See our leaflet for the range of finishes).

Specification

Plate: Standard single gang plate
                    86mm x 86mm

                    Fits standard flush mount back box
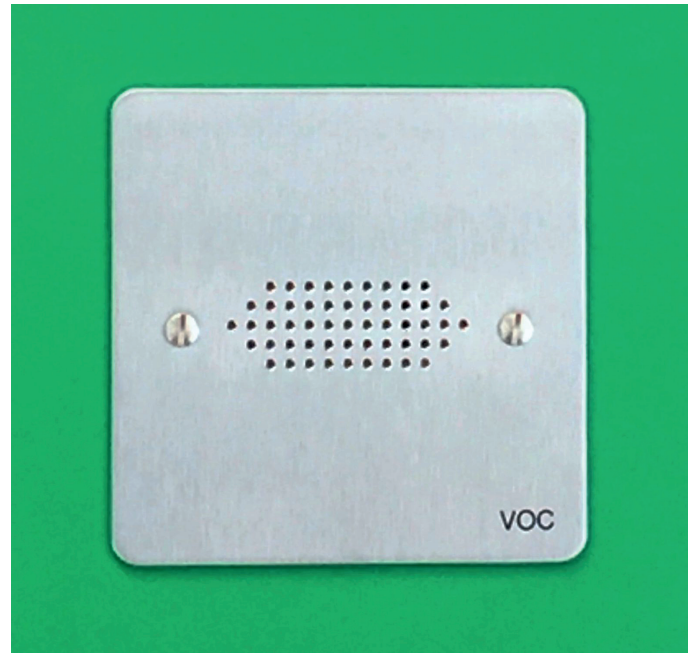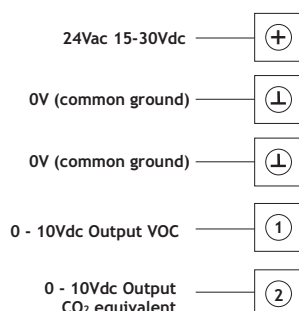   47mm deep

tVOC sensor: High sensitivity / fast responding MOS technology

Intelligent algorithms which monitor both a wide range of tVOCs and are calibrated to provide a CO_2 equivalent value (Extensive research has shown that there is a direct correlation between tVOC and CO_2 levels equivalent to the output of an NDIR infra-red absorption CO_2 sensor)

The sensor has a warm up time of 15 minutes when first powered up
No calibration required. The sensor includes control algorithms that correct sensor drift and ageing to provide a long term consistent solution

Power supply: 24Vac/dc, 35mA
Outputs: 2 off 0 - 10Vdc

Range A01: 0 - 1000ppb tVOC
Range A02: 400 - 2000ppm CO_2 equivalent

24Vac 15-30Vdc — ⊕

0V (common ground) — ⏚

0V (common ground) — ⏚

0 - 10Vdc Output VOC — ①

0 - 10Vdc Output CO_2 equivalent — ②

Ordering information

| VOC/AQ | — | 01 |

Finish

Ref	Finish
01	**Brushed Stainless steel**
02	Polished Stainless steel
05	Lacquered Brass
07	Powder coated (state RAL colour)
28	White plastic
XX	Match Electrical switchplates (state range and finish)

eg Wandsworth Infinity
     Polished Nickel

Example:

VOC / AQ - 01
Stainless steel plate, tVOC sensor

Bold = Standard item available from stock

Associated Products

Flush mount CO_2 sensors
CO_2 sensors with LED Indication
Surface mount CO_2 sensors
CO_2 level Indicators

If this product doesn't quite suit your application - Contact us to discuss a bespoke version