



Air Quality Sensors (Room & Duct)

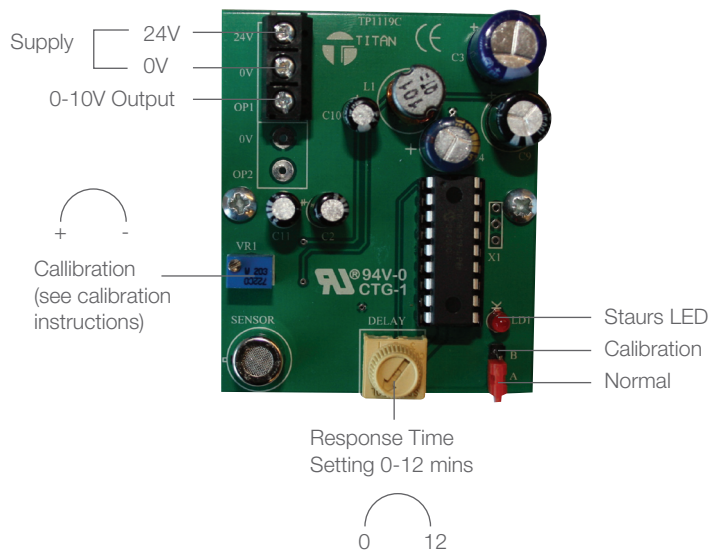
The air quality sensors are specifically designed to detect air quality or air purification. The semiconductor based sensor is ideal for multi contaminate applications since it will respond to a wide range of gases and low concentrations of impurities in the order of 100 ppm.

The air quality sensors are available for room or duct mounting. Standard colour options for the room sensor are White, Grey or Black, with selected Decorative finishes.

Specification

Material Body:	Polycarbonate
Probe:	Stainless Steel
Sensing Elements:	Semiconductor fitted with heater
Supply:	18 to 24V AC or DC
Output:	0-10 Volts DC
Consumption:	60mA
Sensitivity:	Dependant on gas mixture Adjustable 0 – 12mins
Operating Temperature:	-10 to + 50°C
Terminals:	Max cable size 1.0mm
Dimensions:	See below
Product Code:	TPVAQRS (Room) TPVAQDS (Duct)

Connections



Note:

The status LED under normal operation provides indication of the average sensor condition over the last 96 hours. This measurement is updated every 24 hours. The following provides indication of the sensor condition.

- LED – Off sensor condition OK
- LED – Flashing sensor output above 4V continuous. Atmosphere contaminated or sensor needs re-calibration.
- LED – ON, Output above 7V continuous. Sensor needs re-calibration.

See data sheet or website for Installation, Commissioning and Calibration details

Dimensions

