

THE FINNISH SOLUTION FOR YOUR GAS DETECTION



### Target Gas

- Carbon Monoxide



### Applications

- Indoor Parking Halls
- Ice Skating Rinks
- Boiler Rooms
- Power Plants
- Foundries
- Storage Rooms

### Benefits

- Quality assured manufacturing, VTT (Technical Research Centre of Finland) ISO 9001
- Affordable detector
- Industrial standard output signal
- Easy mounting due to the isolating/mounting plate
- Stylish and robust enclosure, impact resistant cast-aluminium
- Non-intrusive calibration
- Easy to replace an outworn sensor by using an interchange package

ISO 9001:2008



### Accessories



Duct Assembly Kit



SS Protection Enclosure



Pipe Mounting Kit



Test Gas Kit



## Principle and Gases

Sensor Type:	electrochemical
Target Gas:	carbon monoxide
Measurement Range:	0 ... 300ppm
Resolution:	<3ppm
T90 Response Time:	<50sec
Typical Sensor Replace Frequency:	5 years
Calibration:	The detectors are delivered factory calibrated to the measuring range. After installation it is recommended to calibrate the detector at least once per year. It is also recommended to do functional tests to the detector 4-6 times a year.

## Environmental

Operating Temperature Range:	-10°C - +50°C, continuous -20°C - +50°C, intermittent
Operating Humidity:	non-condensing 10...95%RH
Operating Air Pressure:	normal air pressure $\pm 10\%$

## Electrical

Output Signal:	4-20mA linear response
Operating Voltage:	16...36VDC, regulated
Cable Requirements:	two-wire connection, suggested type JAMAK 2x(2+1)x0,5mm <sup>2</sup> or equal
Power Consumption:	0,9W (max)

## Enclosure

Installation Possibilities:	wall, ceiling, duct and pipe assembly
Material:	cast aluminium silicate
Surface Treatment:	epoxy painted beige/grey tone RAL7032
Ingress Protection Code:	IP54
Dimensions:	89mm x 89mm x 69mm
Weight:	390g
Mounting:	isolating/mounting plate with 2-4 screws and/or enclosure with 2 screws
Cable Penetration:	STR16, for cables with diameters 6 - 12mm, body polyamide, gasket CR