Carbon monoxide sensor

1. CO SENSOR HD50 Features

1 Electrochemical principle with long service life

2 Low sensitivity to ethanol

3 It can reduce the influence of various interfering gases on high linear output characteristics

4 The sensor consistency is very good

5 The selectivity and repeatability of carbon monoxide gas are very good

6 The sensor signal output has a linear relationship with the concentration of carbon monoxide gas

7   Get TUV RoHS certification

8 Meet the requirements of UL2034, EN50291 and EN5431

2. CO SENSOR HD50 typical applications

1 Carbon monoxide alarm;

2 Car alarm;

3 Smart home

4 Commercial carbon monoxide detector;

5 Industrial carbon monoxide detector;

6 Indoor parking ventilation control;

7 Portable carbon monoxide concentration meter;

8 CO detection alarm.

3. CO SENSOR HD50 main parameters.

1	length	50.5mm
2	height	20mm
3	Body diameter	16.5mm
4	Component foot length	3.5mm
5	Component feet spacing	50mm
6	Feet spacing	7.2mm
7	The height to PCB	16.5mm
8	Detection accuracy	< 2%
9	Detection range	0-10000
10	Output current	1-2.5nA/ppm
11	Response time	< 50 S
12	Working humidity	5 - 99% RH
13	Repeatability	1% F.S
14	Hysteresis	1% F.S
15	drift	1
16	Sensitivity	1
17	Protection class	IP55
18	Operating temperature	-15℃-+60℃
19	Net weight	10g
20	Lifetime of product	10years

HD50 Outline dimension drawing

16mm — Foot thickness 0.2mm*3 — 5mm — 16.5mm — 20mm — 10.6mm — 3.5mm — 4mm — 50mm

Foot diameter 0.8mm*3 — 7.2mm

PCB board location — 50mm — Hole diameter 1mm*3 — 3.6mm — 3.6mm — Pad diameter