

Carbon monoxide sensor

1. CO SENSOR HD28 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 HD28 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 HD28 main parameters.

| | | |
|----|------------------------|---------------|
| 1 | length | 28.5mm |
| 2 | height | 20mm |
| 3 | Body diameter | 16.5mm |
| 4 | Component foot length | 3.5mm |
| 5 | Component feet spacing | 28mm |
| 6 | Feet spacing | 7.2mm |
| 7 | The height to PCB | 16.5mm |
| 8 | Detection accuracy | < 2% |
| 9 | Detection range | 0-10000 |
| 10 | Output current | 1-2.5 nA/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°C---+60°C |
| 19 | Net weight | 10g |
| 20 | Lifetime of product | 10years |

