



FIS GAS SENSOR EC-570

for CARBON MONOXIDE DETECTION

EC-570 is an electrochemical CO sensor which has an excellent performance in CO detection.

High sensitivity, low sensitivity to noise gases, quick response speed and strong poisoning resistance features achieve reliable gas detection such as potable devices and stationary devices.

φ16.2 Φ16.2 Φ16.2

Features

- Rapid response speed
- Long life
- High selectivity
- Silicon poisoning proof

No.	Parts	Materials
1	Сар	ABS
2	Base	PPE
3	Pin	Brass (Gold plated nickel)
4	Filter	Polyester nonwoven fabric/PTFE

Specification

Item	Contents
Gas sensor	Electrochemical sensor
Detection concentration range	0 to 1,000 ppm of CO
Output current	20±5nA/ppm ⁷⁰
Base line	±0.2μΑ
Response	Within 40 sec (§ 50
Repeatability	## Within 40 sec ## 40 #
Load resistor	100hm ±1%
Operating temperature and humidity range	-10 to 50C 15 to 90%RH → Methane → iso-Butane → Ethanol
Storage temperature range	0 to 20C
Mounting direction	Any direction 0 1000 2000 3000 4000 5000 Gas conc.(ppm)
Dimensions	φ16.2 × 9.1 (mm)
Weight	About 1.2g

Please contact

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SPECIFICATIONS