

The product uses electro-chemical technology to measure CO concentration, which is fast and sensitive. It is widely used in air quality detection, smart home and other occasions where CO detection is needed. The shell has high protection level and can adapt to various harsh conditions on site.

FEATURES

- High sensitivity gas detection probe
- Fast response
- High accuracy
- Excellent stability
- Long service life
- Digital output with temperature humidity and CO concentration 3 parameter



APPLICATIONS

- Air quality monitoring
- Smart home
- Warehousing
- Public place
- Environmental Safety Monitoring
- Animal husbandry

TECHNICAL SPECIFICATION

Item	Technical Specification
Range(CO concentration)	0-2000ppm
Range(temperature)	-40-+80°C only for digital output
Range(humidity)	0-100% only for digital output
Accuracy(CO concentration)	10%FS @25°C
Resolution(CO concentration)	0.1ppm
Supply	12-24VDC
Output	4-20mA,0-5V,0-10V,RS485
Power Consumption	<0.25W
Warm Up Time	3min
Response Time	<2s
Repeatability	<±10%FS
Zero drift	<10ppm
Operating Temperature	-20°C-+60°C@15-80%RH
Storage	-40-70°C@20%-90%RH
Shell Material	ABS
Installation	Wall-mounted
Dimension	110*85*44mm

PARAMETER SELECTION TABLE

Remark	Series	Type	Range	Supply	Output	Cable Length	
RK							
	300						
		11					
			A				0-2000ppm
			X				Other
				A			12-24V
				X			Other
					A		4-20mA
					B		0-5V
					C		0-10V
					D		RS485
					X		Other
						2000	Units:mm (typ)
						3000	Units:mm
						...	Units:mm

Example: RK300-11AAA2000 0-2000ppm, Supply:12-24V, Output:4-20mA, Cable Length:2m.




CE Complies with applicable CE directives.

Specifications subject to change without notice. Version 3.0

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