

4 Series Gas Detectors Separate Module

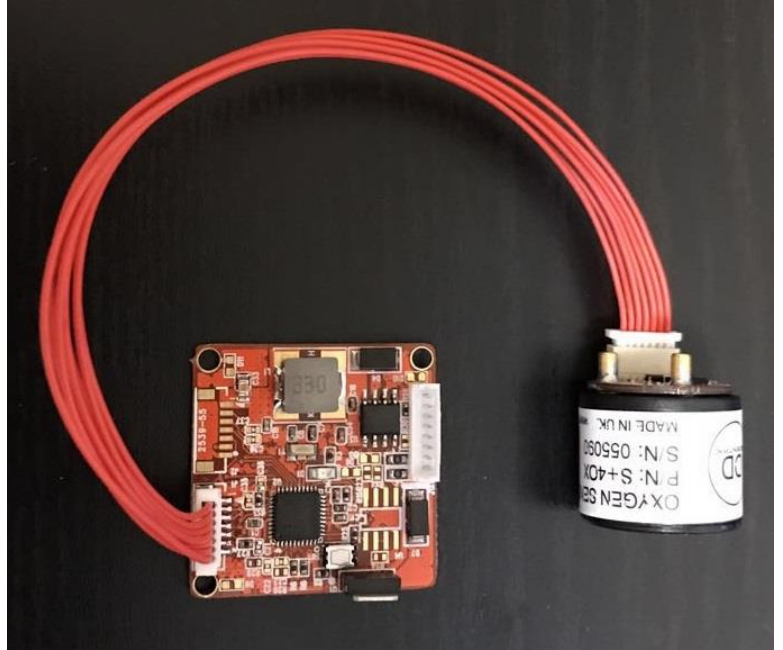
Model:DW-4SGDSM-01

Main Feature:

- RS485/UART(Optional) and 4~20mA (three wire). Digital / analog signals can be carried out simultaneously.
- Anti EMI function.
- European design standards.
- Plug-in sensor replacement

Parameters:

- Power Input: 10-30 VDC
- Operating current: Max 200mA
- Operating temperature:-20~50°C
- Work humidity: 10-95%RH (no coagulation)
- Preheating time:<=1 min
- Sensor type: Catalytic combustion, Electrochemical.
- Sampling way: Diffusion
- Equipment service life: 3 years (in the air). Warranty does not include sensor.



Sensor specification:

The following different gas type sensors can be used, can be used with four series and seven series of sensors.

Sensor type	Gas type	Range	Resolution
Electrochemical	O ₂	0 to 30 %	0.01%
	CO	0 to 1000 ppm	0.1ppm
	VOCs	0 to 1000 ppm	0.01ppm
	SO ₂	0 to 20 ppm	0.1ppm
	NO	0 to 250 ppm	0.5 ppm
	NO ₂	0 to 20 ppm	0.1ppm
	O ₃	0 to 10 ppm	0.02ppm
	C ₂ H ₃ CL	0 to100 ppm	1ppm
	CL ₂	0 to 200 ppm	0.1ppm
	H ₂ S	0 to100 ppm	0.1ppm
	HCL	0 to 50 ppm	1ppm
	HCN	0 to 50 ppm	1ppm

	NH ₃	0 to 1000 ppm	0.5 ppm
	PH	0 to 20 ppm	0.1ppm
	CH ₃ SH	0 to 10 ppm	0.1ppm
	ETO	0 to 500 ppm	10ppm
Catalytic combustion	CH ₄	0 to 100% LEL	1 % LEL

(Note: If you want to change the sensor, please contact customer service.)

Pin Definition:

- PIN1: VDD
- PIN2: GND
- PIN3: IOOUT
- PIN4: RS485 A or UART RO
- PIN5: RS485 B or UART DI
- PIN6: DC 3.3V(out)
- PIN7: NC

