

Hydrogen sulfide gas sensor

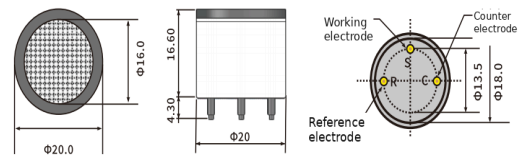
Model : MNS-4H2S-100



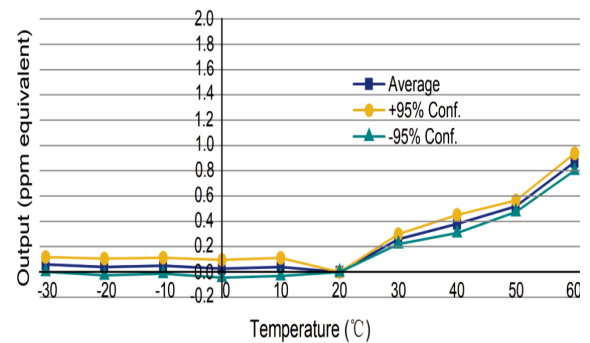
Technical Specification Sheet

Range	0-100PPM
Maximum load	200PPM
Sensitivity	$0.7 \pm 0.25 \mu\text{A/ppm}$
Response time	<30s
Resolution	1PPM
Bias	0mV
Linear	(Linear)
Long-term stability	<15%signal value/year
Repetitiveness	< $\pm 2\%$
Temperature range	-20°C~50°C
Pressure range	800-1200mbar
Humidity range	15%~90%RH
Storage temperature	0°C~20°C
Service life	2 year
Warranty Period	1 year
Maximum open-circuit voltage	1.3V
Maximum short-circuit current	<1.0A
Maximum current at 2000PPM	0.3 mA
Recommended load resistor	10 ohms

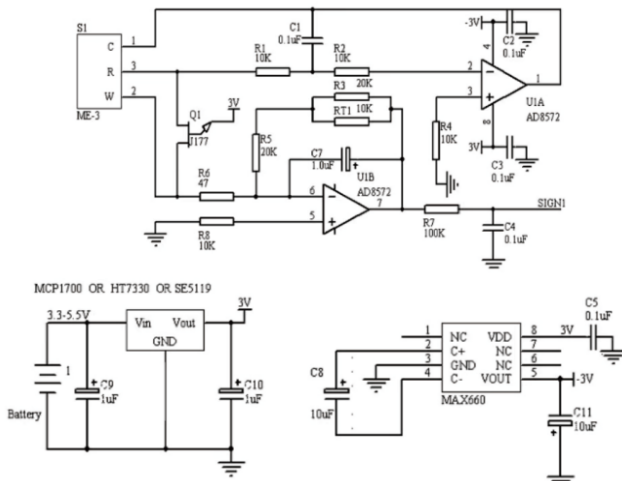
Structural dimensions



Sensor Characteristics



Product Features



Cross-interference

Gas/Type	Concentration (ppm)	Output signal (ppm)
CO	100	<2
SO2	15	<3ppm
NO2	15	<0.5
NO	50	0
NH3	50	0
CO2	4000	0
Ethylene	100	0