

Chlorine gas sensor

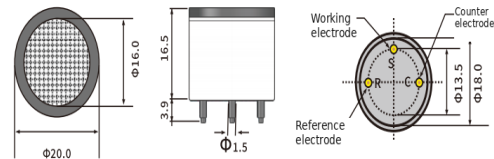
Model : MNS-4CL2-10



Technical Specification Sheet

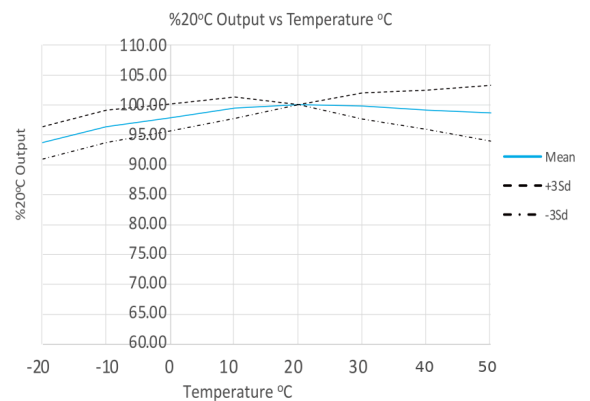
Range	0-10PPM
Maximum load	100PPM
Sensitivity	600±200nA/ppm
Response time	<60s
Resolution	0.1PPM
Bias	0mV
Linear	(Linear)
Long-term stability	<20%signal value/ year
Repetitiveness	<±2%
Temperature range	-20°C~50°C
Pressure range	800-1200mbar
Humidity range	15%~90%RH
Storage temperature	0°C~20°C
Service life	>1 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	33 ohms

Structural dimensions

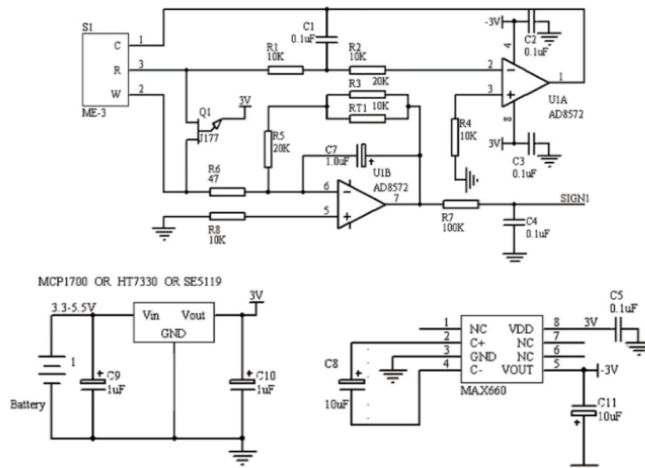


Sensor Characteristics

Output temperature compensation curve



Product Features



Cross-interference

Gas/Type	Concentration (ppm)	Output signal (ppm)
CO	300	0
SO2	20	0
NO	50	0
H2S	15	-7.5~0