Alcohol Gas Sensor

Product Data Sheet
Model #SS21A8

Applications

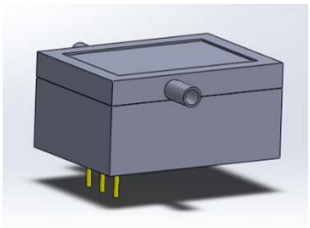
- Ideal for portable instrument
- Alcohol detector applications
- Etc.

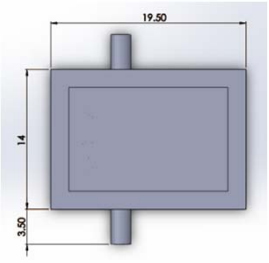


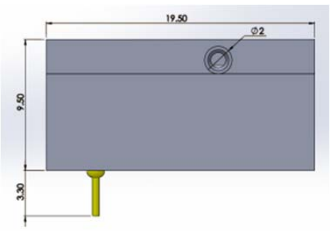
Specifications

Performance Characteristics	
Output Signal	25~40nA/ppm
Typical Baseline Range (pure air)	≤ ±2 ppm
T90 Response Time	<20 seconds
Measurement Range	0-1,000 ppm
Maximum Overload	2,000 ppm
Linearity	Linear
Repeatability	≤ ±2%
Recommended Load Resistor	10 ohms
Resolution (Electronics Dependent)	≤0.01 ppm typical
Environmental	
Temperature Range Continuous	0℃ to 20℃
Pressure Range	800 to 1200 mbar
Operating Humidity Range	15% to 90% Rh
Life Time	
Long Term Output Drift	≤5% per annum
Recommended Storage Temp	0℃ to 20℃
Expected Operating Life	≥24 months in air
Standard Warranty	24 months from data od dispatch
Intrinsic Safety Data	
Maximum at 2,000ppm	0.3mA
Maximum o/c Voltage	<1.3V
Maximum s/c Current	<1.0A

Dimension







Due to ongoing research and product improvement, specifications are subject to change without notice

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