



SNODE-2 MODULE

Gas Transmitter Sensor



General Specifications



Gas Transmitter Sensor (SNode-2 Module)

Dimensions	6 in. x 5 in. x 2 in. (152 mm x 127 mm x 51 mm)
Weight	0.44 lb. (200 g)
Power Supply	+24 V DC
Power Consumption	18 mA max.
Sensors	<ul style="list-style-type: none"> • Plug & play dual sensors • Temperature & humidity sensors built in
Supported Technology	Electrochemical, PID, NDIR & pellistor
Communication	Shielded RS485 or LoRa wireless
Indication	2 power and status LEDs

Operating Conditions

Operating Temperature	0 °C to 50 °C (32 °F to 122 °F)
Operating Humidity	0 to 90% RH non-condensing

Supported Gas Sensors

Gas		Sensor Technology	Range	Sensor Lifespan	Coverage Radius
Combustible					
Butane	C ₄ H ₁₀	Catalytic bead	0 –60% LEL	>3 years	20 ft. (6 m)
Hydrogen	H ₂	Catalytic bead	0 –60% LEL	>3 years	20 ft. (6 m)
Methane	CH ₄	Catalytic bead	0 –60% LEL	>3 years	20 ft. (6 m)
Propane	C ₃ H ₈	Catalytic bead	0 –60% LEL	>3 years	20 ft. (6 m)
Oxygen Deficiency					
Oxygen	O ₂	Electrochemical	0 –25%	5 years	20 ft. (6 m)
Refrigerant					
Refrigerant	R-407C	Infrared	0 –1,000 ppm	>10 years	20 ft. (6 m)
Refrigerant	R-134A	Infrared	0 –1,000 ppm	>10 years	20 ft. (6 m)
Refrigerant	R-410A	Infrared	0 –1,000 ppm	>10 years	20 ft. (6 m)
Refrigerant	R-404A	Infrared	0 –1,000 ppm	>10 years	20 ft. (6 m)
Refrigerant	R-22	Infrared	0 –1,000 ppm	>10 years	20 ft. (6 m)
Toxic					
Ammonia	NH ₃	Electrochemical	0 –100 ppm	>2 years	20 ft. (6 m)
Carbon dioxide	CO ₂	Infrared	0 –5,000 ppm	>10 years	50 ft. (15 m)
Carbon monoxide	CO	Electrochemical	0 –200 ppm	10 years	50 ft. (15 m)
Hydrogen sulfide	H ₂ S	Electrochemical	0 –20 ppm	>3 years	20 ft. (6 m)
Nitrogen dioxide	NO ₂	Electrochemical	0 –10 ppm	>2 years	50 ft. (15 m)
Formaldehyde	CH ₂ O	Electrochemical	0 –10 ppm	>2 years	20 ft. (6 m)
Chlorine	CL ₂	Electrochemical	0 –10 ppm	>2 years	20 ft. (6 m)
Nitric oxide	NO	Electrochemical	0–250 ppm	>2 years	20 ft. (6 m)
Sulfur dioxide	SO ₂	Electrochemical	0–2,000 ppm	>2 years	20 ft. (6 m)

Other GASES and RANGES are available

For more information

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