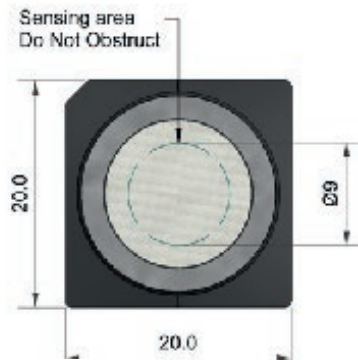


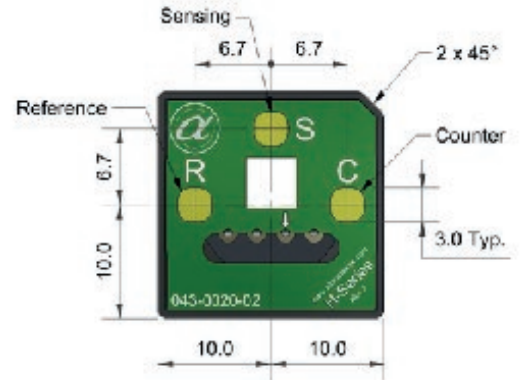
COH-H2 Carbon Monoxide and Hydrogen Sulfide



Side View



Top View



Bottom View

Specification Carbon Monoxide Channel

Performance	Sensitivity	nA/ppm in 400ppm CO	50 to 100
	Response time	t90 (s) from zero to 400ppm CO	< 35
	Zero current	ppm equivalent in zero air	-3 to + 3.5
	Resolution	rms noise (ppm equivalent)	< 0.5
	Range	ppm CO limit of performance warranty	1,000
	Linearity	ppm error at full scale, linear at zero and 400 ppm CO	10 to 40
	Overgas limit	maximum CO for stable response to gas pulse	5,000
Lifetime	Zero drift	ppm equivalent change/year in lab air	< 0.5
	Sensitivity drift	% change/year in lab air, monthly test	< 4
	Operating life	months until 80% original signal (24-month warranted)	24
Environmental	Sensitivity @ -20°C	% (output @ -20°C/output @ 20°C) @ 100ppm CO	30 to 50
	Sensitivity @ 50°C	% (output @ 50°C/output @ 20°C) @ 100ppm CO	120 to 145
	Zero @ -20°C	ppm equivalent change from 20°C	0 to 5
	Zero @ 50°	ppm equivalent change from 20°C	0 to -5
Cross Sensitivity	Filter capacity	ppm hours of Hydrogen Sulfide	1200
	H ₂ S sensitivity	% measured gas @ 20ppm	H ₂ S < 12
	H ₂ sensitivity	% measured gas @ 400ppm	H ₂ @ 20°C < 8
	NO ₂ sensitivity	% measured gas @ 10ppm	NO ₂ < 3
	Cl ₂ sensitivity	% measured gas @ 10ppm	Cl ₂ < 0.1
	NO sensitivity	% measured gas @ 50ppm	NO < 100
	SO ₂ sensitivity	% measured gas @ 20ppm	SO ₂ < 2
	C ₂ H ₄ sensitivity	% measured gas @ 400ppm	C ₂ H ₄ < 60
NH ₃ sensitivity	% measured gas @ 20ppm	NH ₃ ± 0.5	
Key Specifications	Temperature range	°C	-30 to 50
	Pressure range	kPa	80 to 120
	Humidity range	% h continuous (see note below)	15 to 90
	Storage period	months @ 3 to 20°C (stored in sealed pot)	6
	Load resistor	Ω (recommended)	10 to 47
	Weight	g	< 6