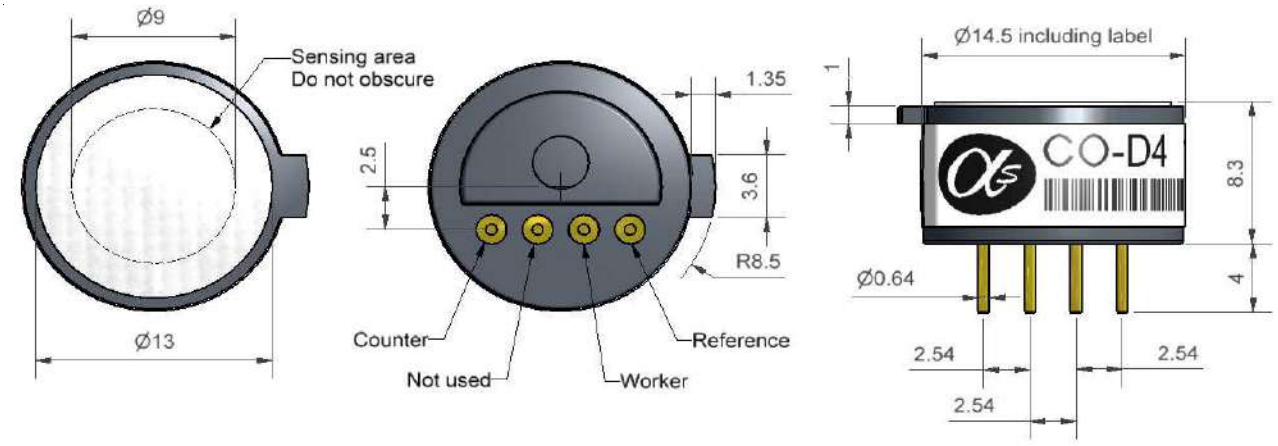
ЗАКАЗАТЬ: CO-D4 Alphasense сенсор угарного газа 0-1000 ppm

CO-D4 Carbon Monoxide Sensor – Miniature Size



Top View **Bottom View** **Side View**

Dimensions are in millimetres (± 0.1 mm). A three-pin version is available on request, coded CO-DF.

Performance	Sensitivity	nA/ppm in 400ppm CO		30 to 55
	Response time	t90 (s) from zero to 400ppm CO % 22°C		< 25
	Zero current (Typical)	ppm equivalent in zero air		< ± 3
	Resolution	RMS noise (ppm equivalent)		< 1.5
	Range	ppm limit of performance warranty		1,000
	Linearity	ppm CO error at full scale, linear at zero and 400ppm CO		± 40
	Overgas limit	maximum ppm for stable response to gas pulse		2,000
Lifetime	Zero drift	ppm equivalent change/year in lab air		< 0.5
	Sensitivity drift	% change/year in lab air, monthly test		< 6
	Operating life	months until 80% original signal (24-month warranted)		> 18
Environmental	Sensitivity @ -20°C	% (output @ -20°C/output @ 20°C) @ 400ppm CO		45 to 70
	Sensitivity @ 50°C	% (output @ 50°C/output @ 20°C) @ 400ppm CO		105 to 125
	Zero @ -20°C	ppm equivalent change from 20°C		< ± 2
	Zero @ 50°	ppm equivalent change from 20°C		< ± 4
Cross Sensitivity	Filter capacity	ppm·hrs	H_2S	20,000
	H_2S sensitivity	% measured gas @ 20ppm	H_2S	< 0.1
	NO_2 sensitivity	% measured gas @ 10ppm	NO_2	< 6
	Cl_2 sensitivity	% measured gas @ 10ppm	Cl_2	< 0.1
	NO sensitivity	% measured gas @ 50ppm	NO	< 60
	SO_2 sensitivity	% measured gas @ 20ppm	SO_2	< 0.1
	H_2 sensitivity	% measured gas @ 400ppm	H_2	< 40
	C_2H_4 sensitivity	% measured gas @ 400ppm	C_2H_4	< 110
	NH_3 sensitivity	% measured gas @ 20ppm	NH_3	< 0.1
Key Specifications	Temperature range	°C		-20 to 50
	Pressure range	kPa		80 to 120
	Humidity range	% rh (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		< 2

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