

FLAMMABLE GAS DETECTORS

Measuring range: 0-100% LEL *

Ambient temperature and humidity ranges:

Catalytic technology: MPS™ technology:

• -40 ... +60°C

• -40 ... +60°C

- 0-95% RH

-0-100% RH

Gas	Technology	Product code	Sensor life expectancy	Spare part product code
Butane C ₄ H ₁₀	Catalytic	11861-C ₄ H ₁₀	5 years	11855-C ₄ H ₁₀
	MPS™ TrueLEL™	11867	15 years**	11868
Ethane C ₂ H ₆	Catalytic	11861-C ₂ H ₆	5 years	11855-C ₂ H ₆
	MPS™ TrueLEL™	11867	15 years**	11868
Isobutane HC(CH ₃) ₃	Catalytic	11861-HC(CH ₃) ₃	5 years	11855-HC(CH ₃) ₃
	MPS™ TrueLEL™	11867	15 years**	11868
Isobutylene (isobutylene/2-methylpropylene) C ₄ H ₈	Catalytic	11861-C ₄ H ₈	5 years	11855-C ₄ H ₈
	MPS™ TrueLEL™	11867	15 years**	11868
Isopropanol (2-propanol/isopropyl alcohol) C ₃ H ₈ O	Catalytic	11861-C ₃ H ₈ O	5 years	11855-C ₃ H ₈ O
	MPS™ TrueLEL™	11867	15 years**	11868
Xylene C ₈ H ₁₀	Catalytic	11861-C ₈ H ₁₀	5 years	11855-C ₈ H ₁₀
	MPS™ TrueLEL™	11867	15 years**	11868
Methane CH ₄	Catalytic	11622	5 years	11633
	MPS™ TrueLEL™	11867	15 years**	11868
Methyl ethyl ketone (MEK/2-butanone/methyl acetone/methyl propanone) C ₄ H ₈ O	Catalytic	11861-C ₄ H ₈ O	5 years	11855-C ₄ H ₈ O
Octane C ₈ H ₁₈	Catalytic	11861-C ₈ H ₁₈	5 years	11855-C ₈ H ₁₈
	MPS™ TrueLEL™	11867	15 years**	11868
Pentane C ₅ H ₁₂	Catalytic	11860	5 years	11854
	MPS™ TrueLEL™	11867	15 years**	11868
Propane C ₃ H ₈	Catalytic	11857	5 years	11852
	MPS™ TrueLEL™	11867	15 years**	11868
Propene (propylene) C ₃ H ₆	Catalytic	11861-C ₃ H ₆	5 years	11855-C ₃ H ₆
	MPS™ TrueLEL™	11867	15 years**	11868
Toluene C ₇ H ₈	Catalytic	11861-C ₇ H ₈	5 years	11855-C ₇ H ₈
	MPS™ TrueLEL™	11867	15 years**	11868
Hydrogen H ₂	Catalytic	11858	5 years	11853
	MPS™ TrueLEL™	11867	15 years**	11868
Other flammable gases and vapors <i>(e.g. gasoline, diesel oil, ethanol, hexane, heptane, carbon monoxide, methanol, nonane, etc.)</i>	Catalytic	11865-[Gas]	5 years	11855-[Gas]

*If you need a different measuring range, include the code 90031 in your order and specify the range.

**under normal operating conditions

OXYGEN AND TOXIC GAS DETECTORS

Technology: electrochemical (EC) / infrared (IR)

Gas	Product code	Measurement range (scale)	Sensor life expectancy and spare part product code		Ambient temperature and humidity ranges:	
					°C	% RH
Oxygen O ₂ (EC)	11623	0-30% vol.	2 years	11837	-40 ... +50	5-95
Ammonia NH ₃ (EC)	11884	0-100 ppm	2 years	11882	-40 ... +40	15-90
	11885	0-1000 ppm	2 years	11883	-40 ... +40	15-90
Carbon dioxide CO ₂ (IR)	11894	400 (0)-2,000 ppm	10 years	11924	-40 ... +50	<85
	11923	0.04(0)-2%vol	10 years	11924	-40 ... +50	<85
Carbon monoxide CO (EC)	11896	0-500 ppm	4 years	11891	-40 ... +50	15-90
Hydrogen sulfide H ₂ S (EC)	11898	0-100 ppm	4 years	11892	-40 ... +50	15-90

Other gases:

Contact us: +358 2 434 0750 or rfq@sensorex.fi

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