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X-am® Explo

ATEX detector for combustible gas monitoring

Technical specifications

ATEX **Xam EXPLO** to detect combustible gases (natural gas, butane, propane, hydrocarbons, solvents, alcohols)
Measuring range: 0 to 100 % LEL in 1 % increments
Optional sensors: O2, CO or H2S
Alarms: 360° ultra-bright indicators, 90 db sounder at 30cm, vibrating alarm
Dimensions (L x H x P): 48 x 130 x 44 mm / **Weight:** around 250 g
Protection class: IP 67
Datalogger: Data retrievable using an infrared interface > 1000h
Battery life: 12 hours (with NiMH battery) Charging time 4 hours
Electromagnetic interference/radio interferance Compliant with the 2004-108-CE electromagnetic compatibility directive
Certifications: ATEX / IECEx, CSA (Canada & USA) & MED Marine Equipement Directive 96/98/CE – CE Marked
Warranty: 3 years

External sampling pump (optional)

The external sampling pump with a hose is an ideal solution for remote sample measurements in tanks, in pits or to detect leaks.
Dimensions: 67 x 175 x 38 mm (Without X-am®)
Weight: Around 200 g
Operating temperature: -20 °C to 50 °C
Maximum sampling lenght: 45 m
Charging time: < 6 hours
Autonomy: up to 8 hours, depending on the type of use
Air flow: 0.4 L/min
Protection class: IP67
Certifications: ATEX / IECEx, CSA (Canada & USA) & DNV-GL

Product description

The **X-am EXPLO** has ATEX approval for zone 0 and therefore offers very high safety in areas subject to explosion hazards. The innovative Ex catalytic sensor impresses with its excellent poison resistance from silicone and hydrogen sulfide. Associated with a high drift stability, this allows the sensor to benefit from an exceptional over 4 years lifespan.

Light and ergonomic, the **X-am EXPLO** is particularly ideal for industrial environments. The device is protected against water and dust in compliance with the IP 67 protection class, which allows it to preserve all of its functionality even after falling into water.

LEL: Lower Explosive Limit	
Acetone	2,5 % of volume
Acetylene	2,5 % of volume
Ammonia	15,0 % of volume
Benzene	1,2 % of volume
Butane	1,9% of volume
Butanol (Butyl alcohol)	1,4 % of volume
Diethyl ether	1,9 % of volume
Ethane	3,0 % of volume
Ethanol (Ethyl alcohol)	3,3 % of volume
Ethylene	2,7 % of volume
Hexane	1,1 % of volume
Hydrogen	4,0 % of volume
Isopropanol (Isopropylic alcohol)	2,0 % of volume
Methane	5,0 % of volume
Methanol (Methyl alcohol)	6,0 % of volume
Methyl ethyl ketone	1,4 % of volume
Carbon monoxide	12,5 % of volume
n-Pentane	1,4 % of volume
Ethylene oxide	2,7 % of volume
Propane	2,1 % of volume
Propylene	2,0 % of volume
Styrene	0,9 % of volume
Toluene	1,1 % of volume
Xylene	1,1 % of volume

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