

Detector

AND YOUR ENVIRONMENT
IS **SAFE**

KEYX



KEX



ATEX certified

–
Designed for use in explosive atmospheres.

Accurate and reliable measurement

–
Quickly detects flammable gases and issues a warning before reaching hazardous concentrations.

Durable construction

–
Engineered to withstand demanding industrial conditions.

Easy to maintain and calibrate

–
User-friendly solution that reduces maintenance costs.

Integrates with existing systems

–
Enables seamless connection to gas monitoring systems.

Oil and gas industry

Protects processes and prevents explosion risks.

Chemical industry

Ensures safety in production and storage areas.

Industrial explosive areas

Suitable for all ATEX-classified areas where flammable gases may occur.



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– Gas Detector for Explosive Atmospheres

KEX is an ATEX-certified gas detector designed specifically for environments with explosion risk. It provides accurate and reliable gas monitoring in environments where the presence of flammable gases can pose a safety hazard.

KEX is suitable for various industries such as chemical, oil and gas, where an ATEX-classified monitoring system is essential. Its durable construction and advanced sensor technology ensure long service life and dependable performance even in demanding conditions.

- Reliable ATEX-certified solution
- Excellent for monitoring flammable gases
- Easy to install and maintain
- Suitable for harsh industrial environments

Technical Specifications:

- Clear display
- LED indicator
- Catalytic sensor
- Selectable measuring range
- Sensor element lifespan: 5 years
- Wireless calibration
- Output signal: 4–20 mA
- Operating voltage: 19–29 VDC
- ATEX marking: II 2G Ex db IIC T6 Cb / II 2D Ex tb IIIC T85°C Db
- IP 66
- Available for wall, ceiling, duct, or pipe mounting; also with remote measuring head
- Dimensions: 185 mm × 129 mm
- Weight: approx. 1.8 kg

KEX GAS	Detection technology	Unit	Standard range	Max range	Typical sensor replacement interval (months)	Temperature range	Ambient humidity (non-condensing)	Response time T90
Acetylene (C ₂ H ₂)	Catalytic	% LEL	100	100	60	-40°C–+65°C	0–95% RH	<20 sec
Gasoline	Catalytic	% LEL	100	100	60	-40°C–+65°C	0–95% RH	<20 sec
Butane (C ₄ H ₁₀)	Catalytic	% LEL	100	100	60	-40°C–+65°C	0–95% RH	<20 sec
Diesel	Catalytic	% LEL	100	100	60	-40°C–+65°C	0–95% RH	<20 sec
Ethanol (C ₂ H ₅ OH)	Catalytic	% LEL	100	100	60	-40°C–+65°C	0–95% RH	<20 sec
Hexane (C ₆ H ₁₄)	Catalytic	% LEL	100	100	60	-40°C–+65°C	0–95% RH	<20 sec
Heptane (C ₇ H ₁₆)	Catalytic	% LEL	100	100	60	-40°C–+65°C	0–95% RH	<20 sec
Carbon Monoxide (CO)	Catalytic	% LEL	100	100	60	-40°C–+65°C	0–95% RH	<20 sec
Isopropanol (C ₃ H ₈ O)	Catalytic	% LEL	100	100	60	-40°C–+65°C	0–95% RH	<20 sec
Ksylene (C ₈ H ₁₀)	Catalytic	% LEL	100	100	60	-40°C–+65°C	0–95% RH	<20 sec
Methane (CH ₄)	Catalytic	% LEL	100	100	60	-40°C–+65°C	0–95% RH	<20 sec
Methanol (CH ₃ OH)	Catalytic	% LEL	100	100	60	-40°C–+65°C	0–95% RH	<20 sec
Pentane (C ₅ H ₁₂)	Catalytic	% LEL	100	100	60	-40°C–+65°C	0–95% RH	<20 sec
Propane (C ₃ H ₈)	Catalytic	% LEL	100	100	60	-40°C–+65°C	0–95% RH	<20 sec
Toluene (C ₇ H ₈)	Catalytic	% LEL	100	100	60	-40°C–+65°C	0–95% RH	<20 sec
Hydrogen (H ₂)	Catalytic	% LEL	100	100	60	-40°C–+65°C	0–95% RH	<20 sec
Other flammable gases	Catalytic	% LEL	100	100	60	-40°C–+65°C	0–95% RH	<20 sec

Didn't find the gas you were looking for? No worries – [contact us!](#)

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You can find our other products and accessories at:
www.detector.fi/en



www.detector.fi/en



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