

Gas Detection.



OEM Customizing

OEM products: Sensors and controllers
for stationary gas warning systems



**MSR-Electronic - Your partner for research, development
and production.**

With Knowledge and Competence

Support through international OEM experience

The international company with headquarters in Germany has a wide range of solutions for the detection of toxic and combustible gases. On this basis MSR-Electronic develops individual gas sensors and controllers for many applications.

From a certain quantity for a product, customizing of the sensors and controllers is possible. This starts with individual laser marking and

labeling and extends to special requests for configuration and expansion.

In addition to the implementation of customer-specific requirements with regard to device approval, we support our customers in numerous industries in meeting all current national and international regulations on product safety and technical market safety requirements.

Your project team for initiation, planning, realisation, monitoring and control

A specially coordinated project team will work with you to create the product requirement profile according to the modular principle. During the individual development stages, monitored by the MSR quality management, up to the release sample (PPAP) and subsequent series production, we are in close contact with you.



Your Benefits

with process-optimised production sequences

OEM EXPERTISE EXPERIENCE

Our international customers benefit from our many years of experience in the development and production of sensors and controllers for various industries and applications in gas detection technology.

FLEXIBILITY INDIVIDUAL

Depending on your needs and situation, we adapt our services and processes to your technical specifications and project processes.

CREATIVITY INVENTIVENESS

We support you in finding ideas with technical know-how and as a source of inspiration.

COSTS SHARING

We concentrate on the development and production of the products. This leaves you with all resources for sales, marketing and logistics.

QUALITY MANAGEMENT

MSR products have all necessary approvals in their equipment. The devices undergo a quality inspection and can therefore be used without restriction as global devices.

APPLICATIONS VARIETY

Gas measurement technology for e.g. parking garages, tunnels, buildings, shipping, beverage and refrigeration systems, laboratories and medicine, water treatment, breweries, wine cellars, vending machines, petrochemical and manufacturing industry, biogas plants and offshore.



OEM Product Development

on a modular concept



Applications

- Tunnel
- Car park
- Car park building
- Industry
- Petrochemistry
- Biogas plant
- Shipping
- and others



Gases

- CO₂
- NH₃
- CH₄
- and others



More Features

- Relay
- Display
- Analogue / digital outputs
- Analogue / digital inputs
- Modbus, BACnet
- and others



Approvals

- EN 378
- EN 14624
- EN 50545
- EN 60079-29-1
- ATEX
- EN 60079
- and others



Housings

- Design
- Shape
- Colour
- Logo
- Lettering
- IP protection class
- and others



Mounting

- Standard in housing
- Remote with cable



Accessories

- Acoustic: Horn, buzzer
- Visual: flashing light, warning sign
- and others



Sensor

- Infrared
- Electrochemical
- Semiconductor
- Catalytic
- MPS™



Full Branding vs. Light Branding



BRANDING	Full	Light
Logo / brand name on the sensor	X	
Logo / brand name on the module housing	X	
Logo / brand name on service tool STL06	X	X
Display with logo / brand name	X	X
Customized label for housing / products	X	X
Customer contact data in the software	X	X
User manuals with logo / brand name	X	
Calibration certificates for sensors with logo / brand name	X	
Packaging label for products with logo / brand name	X	
Certification in the name of the partner	X	

Contact us and learn more about the possibility of personalization.

info@msr-electronic.de

Certified

Security for all applications.

The products of MSR-Electronic meet more than the general standards and regulations and thus guarantee the safety of the system.

ISO certifications for the company

Certifications for quality management: ISO 9001,
Certifications for environmental management: ISO 50001,
Certifications for energy management: ISO 14001

Approvals for the PolyGard® product series

ANSI/UL 61010-1, CAN/CSA-22.2 No. 61010-1

Device series types: DGC-06, GC-06, EP-06, SB2, MSC2, MSB2, WSB2, SC2-Tox, SC2-Ex, MC2-Tox, MC2-Ex

Other conformities:

EU Directive 2014 / 30 / EU und 2014 / 35 / EU, EN 50545-1, EN 50271, EN 61010-1, EN 50270, EN 378, EN 60079-29-1, EN 50104, EN 62990-1, EN 14624, EN 61508-1 -2 -3, SIL EN 50402





Approvals for the PolyXeta® product series

Electrical explosion protection of sensors and devices according to ATEX/IECEX,
IEC/EN 60079-0, -1 and EU Directive 2014/34/EU (DEKRA Testing and Certification GmbH)
Device series types: PX2, SX1, SSAX1

Metrological testing of sensors and devices according to EN 60079-29-1 for combustible gases/
EN 50104 for oxygen (DEKRA Testing and Certification GmbH)
Device series types: PX2, SX1

Functional testing (SIL2) of sensors and devices according to IEC/EN 61508-1 -2 -3, EN 50271,
EN 50402 (DEKRA Testing and Certification GmbH)
Device series types: PX2, SX1

Approval for shipping according to the European Directive 2014/90/EU, 2021/1158/EU and
according to the international directive DNVGL-CG-0339
Device series types: PX2, SX1, SSAX1

Other conformities
EU Directive 2014/30/EU and 2014/35/EU, EN 61010-1, EN 50270, EN 378, EN 50402,
EN 62990-1, EN 14624
Device series types: PX2, SX1, SSAX1



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We are part of the MSR-Group.



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MSR VIDEO

The YouTube Channel



MSR IMAGEFILM

Made in Germany



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For further technical data, please refer to the corresponding data sheets.
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