



GROVELEY DETECTION

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Combustible Gas Detector MultiXplo DM-TX6

The Simtronics MultiXplo DM-TX6 intelligent catalytic sensor based flammable gas detector used to detect a wide range of gases, including hydrogen (H₂). The device has been designed for ease of installation, operation and maintenance in testing environments.

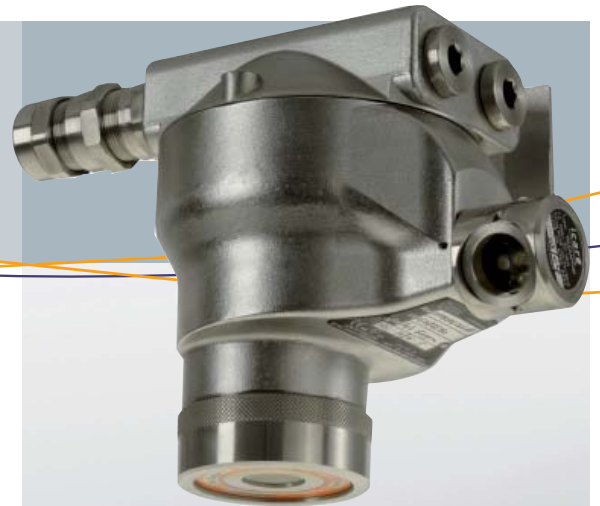
The measurement process is based on OXYCOL™ low temperature catalytic oxidation, enabling detection of all combustible gases and gives the sensor an extremely long lifetime. This exclusive technology makes the detector very resistant to aggressive components.

All MultiXplos are equipped with an exclusive system of alarm verification in case of scale overrun and provide a linear response, high stability and very short response time.

Applications include storage of flammable and/or combustible compounds, petrochemicals, LNG/LPG, off shore / on shore, automobile industry, chemicals, pharmaceuticals, aerosols, detecting of H₂ in battery rooms etc.

TLU600 Wireless Handheld Terminal

- Maintenance and configuration in one single step - by a single operator
- Safe and easy to use
- Read-outs of gas concentrations, settings and alarms
- Inhibition remote control
- Compatible with all remote detectors
- Certified intrinsically safe for use in restricted areas



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*No-one ever regretted
buying quality...*

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TECHNICAL DETAILS

General

- Detection:
Low temperature oxidation process Oxycol™
- Detection compounds: gas mixtures and vapours flammable and/or combustible
- Measurement Range 0 -100% LEL
- Response Time T 90 Methane < 10 sec
- Lifetime > 10 years
- Calibration With gas mixture to be detected
- Warranty 2 years

Output Signals

- Standard: 4-20mA source, maximum load impedance 700 Ω
- Option
0-22mA (for PLC) or Lonworks (for Syntel system)
- Relay Output: 2 configurable. Rated max 1A / 30V DC

Electrical

- Power supply 24V DC, range 18 - 32V DC
- Consumption 55 mA normal
- Connections 0.3mm² (22 AWG) - 1.5mm² (12 AWG) Sheilded cable recommended

Reliability Data

- MTBF: 73000 h

Environmental

- Storage temperature -40°C to + 70°C
- Operational temp. -40°C to + 60°C
- Humidity 0-95% RH (non-condensing)

Certification

- ATEX ATEX II 2 G Ex d II C T6
- Certificate number CIE 03 ATEX 6263
- IECEx IECEx LC109.0018

Housing

- Material Epoxy coated aluminium
Option - 316 L stainless steel
- Protection IP66
- Weight 1.8kg aluminium housing
6.4 kg stainless steel housing
- Dimensions 175 x 165 x 118 mm

Accessories

- TLU600 wireless configuration tool
- Calibration kit
- Calibration cup
- Sample flow housing
- Splash guard
- Sun shade
- LCD display

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