MultiXplo

Catalytic oxidation
Low temperature OXYCOL
High resistance against catalytic poisons

DM-CX6 Catalytic Oxidation Detector

Features

The efficiency of catalytic oxidation gas detectors (accuracy - response time - high reliability degree) provides a perfect protection against gas risks in industrial areas.

Performances

The measuring principle based on low temperature catalytic oxidation OXYCOLTM enables to detect any combustible gas and gives the detector an exceptional long lifetime. This unique technology makes it particularly resistant against agressive compounds. This method offers both high quality detection and cost efficiency for industrial applications.

The removable and interchangeable cartridge, as well as the wall mounting bracket separated from electronics, make this detector particularly easy to install and to maintain.

Applications

- Storage and use of combustible / flammable compounds
- Chemical plants
- Petrochemical plants
- Pharmaceutical
- GNL/GPL

Low temperature catalytic oxidation OXYCOL TM	Long lifetime and good resistance against catalytic poisons
Unique ambiguity cancellation system LEL/UEL	UEL Level consideration
Linear response and stability over time	No drift
Short response time	Safety of high risk installations

Benefits

Short response time
Safety of high risk installations

Removable and interchangeable cartridge
Easy maintenance

Catalytic oxidation
Polyvalent sensor





DM-CX6

Technical data

GENERAL

Technology Low temperature catalytic oxidation

process, OxycolTM

Gas blendings & combustible vapors Detects

Calibration with calibration gas ECHO 2/4, ECHO 28, MDXi Connected Units

PERFORMANCES

0 - 100 % LEL Range Response time T 90 Methane < 15 sec

Lifetime (sensor) > 10 years

OUTPOUT SIGNAL

Standard 4-20mA, max load impedance 700Ω (Std.)

ELECTRICAL

Power supply 24V DC, range (18 - 32V DC)

Power consumption

0.3 mm² (22 AWG) - 2.5 mm² (12 AWG) Connection

Shielded cable recommended

ENVIRONMENTAL

from -30°C to +70°C (-22°F to +158°F) Storage from -20°C to +60°C (-4°F to +140°F) Operation Optional sun shade 85°C (185°F max surface temp)

Up to 200°C (+392°F) High temperature 99% RH (non-condensing) Humidity

EXPLOSION PROOF HOUSING

Exd IIC T6 Main compartment Protection category IP66

Material Epoxy coated aluminium

Weight 1.8 kg (4 Lbs)

175 x 165 x 148 mm (l, w, h) **Dimensions**

APPROVALS

ATEX II 2 G Ex d II C T6 Gb LCIE03ATEX6263 Certificate number

ACCESSORIES

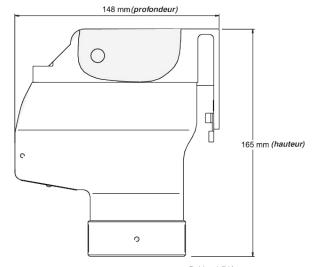
AS055 Calibration magnet

AS056-250 Sun shade CAL-K1C-XXX Calibration gas AS005 Calibration cup AS019 Splash guard AS011-2 Sample flow assy

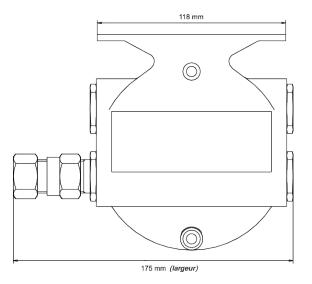
Any other accessory on demand

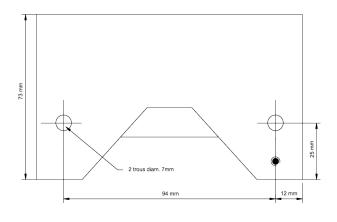
OTHER PRODUCTS

MultiTox DMI-CT6 Electrochemical toxic gas detector MultiTox DMI-C06 Electrochemical Oxygen depletion detector



Poids: 1,7 Kg







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