

Transmitter CC22

Combustible LEL



- Proven catalytic “Hot Bead” technology
- Long life sensor
- Built-in temperature compensation
- IP54
- Low cost of ownership

LEL detection of combustible gases/vapours

Are you looking for an innovative and cost-effective transmitter for toxic gases, Oxygen and Hydrogen without the need for explosion protection? Then the EC22 transmitter is the right choice...!!

Proven technology and innovative is not a contradiction

The CC22 uses the proven catalytic detection principle. The electronic design ensures voltage stability, accurate processing of the sensor response. Long sensor life reduces the cost of ownership.



CC22 with Graphic display, control buttons and horn

Universal Signals

Analogue or digital values and status displays can be generated from the CC22 by means of a Modbus interface. Due to the different types of signal transmission, a CC22 can be connected to almost any gas detection system, as an additional detection point or as a replacement transmitter on an existing system.

Advantages

The embedded CC22 software linearises the sensor signal and compensates for the effects of temperature, resulting in correct readings even with weather related fluctuations in temperature. The realization of the software allows problems to be detected, plus, the Modbus version also warns when service or maintenance is required.



Transmitter CC22 and Controller GMA200-MW4

Added Protection

A weatherproof housing not only protects transmitters against exposure to wind and weather, but, also against contamination and excessive temperatures caused by direct sunlight.

Optional colour display and audible alarm

The clear graphic display allows you to view the gas type, detection range and real time concentration. On alarm activation the display turns red along with the audible alarm. Password protected, the

display enables you to navigate the transmitter menu with the ability to change settings, zero and calibrate.

Calibration

Quick and easy 1-man calibration.



CC22 with weather protection

Technical data Transmitter CC22

Gases:

LEL combustible gases/vapours

Detection range:

0-100% LEL

Detection principle:

Catalytic (pellistor/hot bead)

Gas supply:

Diffusion or pumped via a flow adaptor

Response time:

<30 seconds (depending on gas type)

Ambient temperature:

-20°C to +50°C

Humidity:

5-90 % r. F.

Air pressure:

950 -1100 hPa

Output signals:

0.2-1 mA/4-20mA/RS485 (MODBUS)

Expected sensor life:

02 - 2 years (replace at 2 years)

Weight:

Up to 325 g (depending on version)

Dimensions:

98 x 120 x 50 mm

Housing:

Plastic IP54



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