

Transmitter CC28

State-of-the-art monitoring of combustible gases



Display of gas concentration at transmitter

Ex-proof visual and audible alarm

ATEX approval II 2 G EEx dem ib IIC T4

One-man calibration at transmitter by means of touch keys or remote control

Plug-in smart sensor – Sensor replacement without opening of casing

CC28 – the smart transmitter for combustible gases

Superior technology

Wherever hazards by combustible gases or vapours are to be expected, the transmitter CC28 and GfG's proven monitoring systems are the right choice for reliable surveillance. The ATEX-certified design, an integrated, Ex-proof buzzer and bright alarm LEDs provide highest safety including visual and audible alarm even in hazardous areas. Thus the gas alarm does not only alert the man in the central but also the man at site.

Easy handling

The Smart Sensor technology allows to install the transmitter or to replace a sensor within a few seconds – just plug the sensor in the transmitter. Adjustments are done directly at the transmitter by means of touch keys or with the remote control (one man calibration).

Remote Control RC2

Several flammable gases are lighter than air. With the transmitter installed close to the ceiling, the remote control for the CC28 allows to do all adjustments without having to climb up a ladder. A helix cable connects the remote control to the transmitter. The display of the remote control always shows the same reading as the transmitter. The remote control facilitates inspection, service and calibration considerably.

Reliable detection, minimized cost of ownership, increased safety

The sensor and the integrated temperature compensation provide highest measurement accuracy.

Low maintenance requirements and long sensor life reduce your cost of ownership.

Just sign a service contract and don't worry about any problems. We will service your system in regular intervals.

Models

Model CC28 D allows to read the gas concentration both at site and at the GMA controller.

Model CC28 DA provides additional warning by means of bright alarm LEDs and a buzzer.



Remote control - The CC28 is easy to ready and to operate even if it is mounted at the ceiling.

Advantages at a glance

- Display of gas concentration at transmitter or at remote control
- ATEX II 2 G EEx dem [ib] IIC T4
- Ex-proof visual and audible alarm
- No need of expensive Ex-proof buzzer, less wiring
- Easy sensor replacement because of plug-in sensors
- Long sensor life
- Low service requirement
- Permanent status and function display at transmitter
- Adjustments by means of touch keys or remote control without opening of casing
- Easy handling even at hardly accessible transmitter position

CC28

Technical Data

Gases

Combustible gases and vapours

Detection range

0 .. 100 % LEL, 0 .. 50 % LEL

Detection principle

Catalytic combustion

Ambient temperature

-20 .. + 50° C

Output signal

4 – 20 mA

Supply voltage

V DC

Casing protection

IP64

Display

4-digit LED for linearized detection values and messages, service, LEDs for operation / fault

Function keys

3 touch keys for all settings / calibration, function test

Transmitter cable

Shielded cable
3 x 0.75mm² for up to 200 m,
3 x 1.5 mm² for up to 1000 m,
M 16 x 1.5

Dimensions

100 x 193 x 55 mm (W x H x D)

Weight

800 g with display

Expected sensor life

3 - 5 years

ATEX labelling

II 2 G EEx dem [ib] IIC T4 0158

EC-Type Exam. Certificate

BVS 04 ATEX E 132 X

EMC

EN 50270 : 1999

Radioshielding:

Interference resistance:

Type class I

Type class II



QM system certified as per
DIN EN ISO 9001:2000

Specifications subject to change without notification

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