

Stationary sensor SC-CH4



Sensor SC-CH4

Advantages:

- ✓ Automatic device
- ✓ High measurement accuracy
- ✓ Easy calibration and simple operation
- ✓ Adjustable analog and digital output
- ✓ ATEX certification
- ✓ Increased resistance to silicones and H₂S
- ✓ Simple operation with 2 buttons

Stationary combustible gas sensor SC-CH4

Version M for coal mines (group I) is equipped with a combustion sensor designed for measuring methane, or allows the measurement of hydrogen.

Version C for the chemical industry (group II) is designed for measuring methane, ethane, propane, butane, pentane, hexane, allows the measurement of carbon monoxide (lethal concentrations of CO) and hydrogen, or other combustible gases.

The CA version for the chemical industry is intended for measuring ammonia

The SC-CH4 sensor is designed for continuous measurement of the volume concentration of combustible gases in the atmosphere in the range of 0 to 5% methane in the air or 0 to 100% of the lower explosive limit of the gas. Explosion-proof design allows use even in areas with a risk of explosion in coal mines, or in zones 1, 2 and 22 on the surface.

The SC-CH4 allows values to be displayed on an LCD display with optional backlight. Alarm conditions are indicated by a local red LED. The included SCADA SW enables archiving and viewing of measured data and alarm states. The cable can be connected using a cable gland or connector.

Important note: Technical parameters of the SC-CH4 may be changed. Please contact us for further technical advice and tailor-made solutions.



Additional display SC-LCD



Display SC-LCD is intended for displaying the volume concentration of combustible gases from the connected sensor

The additional SC-LCD display is used in cases where the sensor is installed in an inaccessible place out of reach of the operator

The non-explosive design allows use in areas with a risk of SNM explosion in coal mines, or in zones 1, 2, 21 and 22.

The sensor with display can be connected to DKD, PNS and other systems using current, voltage, frequency signal or using MODBUS ASCII or RTU protocol.

Advantages:

- ✓ Automatic device
- ✓ Adjustable analog and digital output
- ✓ ATEX certification
- ✓ Large display numbers

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