



GROVELEY DETECTION

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Flammable Gas Detector **GD210**

The GD210 uses 3rd party catalytic sensors to provide an effective response to the detection of gas hazards in a wide range of industrial environments from boiler plant rooms to offshore petrochemical installations.

The output of the GD210 for catalytic sensors constitutes one half of a 3 wire mV Wheatstone bridge circuit. When using catalytic cells, the GD210 can be combined with a flameproof or uncertified transmitter providing a 2 wire 4-20 mA output.

A range of accessories are available enabling the GD210 to be used in diverse applications such as HVAC ducting, flowline systems or freestanding open air applications.

A high temperature flammable gas sensor option is available for elevated ambient temperature operation such as those found in gas turbines.

Features

- Detection of a full range of flammable gases
- Wide range of catalytic sensors available
- Standard and high temperature options available
- ATEX certified & non certified models available
- Available for use with flameproof and uncertified 4-20mA output devices

Benefits

- Not limited to a single pellistor manufacturer
- Good range of ATEX certified operating temperatures (sensor dependant)
- Can be made from either 316 SS or clear anodised aluminium



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buying quality...*

Flammable Gas Detector GD210

TECHNICAL DETAILS

Dimensions

- Total length, including thread 57mm
- Main body length 37mm
- Body diameter 36 mm
- Weight 220g approx
- Thread Size - 20mm (M20 x 1.5P) to BS 6343: 1981
Options: M25 x 1.5P, 3/4" NPT, 1/2" NPT



Construction Material

- 316 Stainless Steel
- Clear Anodised Aluminium

Catalytic Sensors

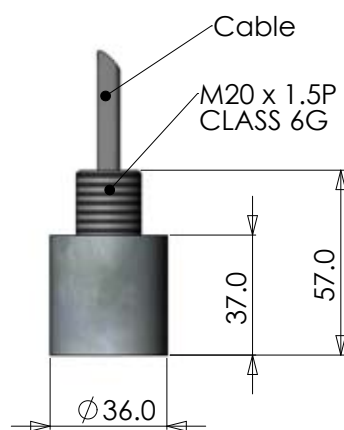
- The GD210 can be fitted with a broad range of catalytic sensors, each having a long and successful track record for detecting flammable gases in the 0-100% LEL range.
- Low power consumption options are available.

Certification

-  II 2G EExd IIB + H2 T6 (-40°C to +40°C)
-  II 2G EExd IIB + H2 T3 (-40°C to +150°C) [option]
- DEMKO Certificate No. 02 ATEX 132848X

Accessories

- Weather protectors
- Flow housing
- Collector cones
- EEXe Junction Box



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