

CEX 300

Flammable Gas Detector

- Durable housing
- Explosion proof sensor
- Quick response time



IP 66 Enclosure

Sensor

Designed for the industrial and commercial sector (buildings, schools, boiler rooms etc), the CEX300 flammable gas detector has a durable housing and an explosion-proof sensor.

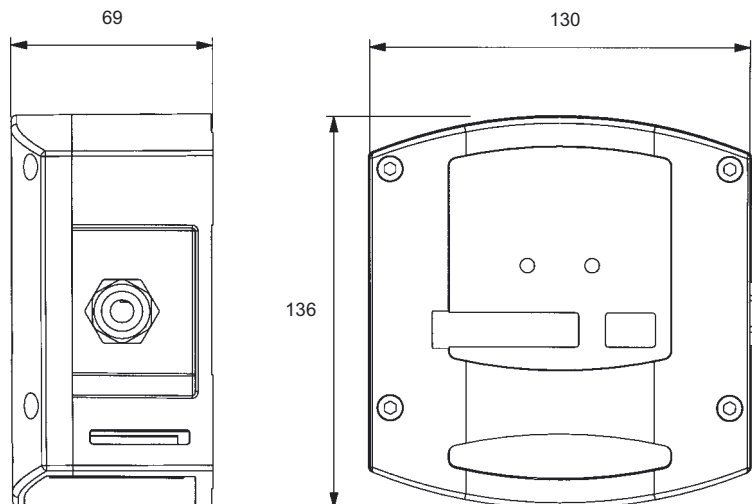
The CEX 300 is designed to be connected to a controller and can be placed in hazardous areas to guard against risk of a gas explosion.

The CEX 300 detector is IP 66; it is dust and water proof.

Reliable and safe operation

The explosion proof catalytic bead combustible gas sensor is based on two coiled filaments in a wheatstone bridge configuration. The detecting filament, when heated and exposed to gas, causes a voltage variation proportional to the concentration of gas. The compensating filament minimizes the effects of humidity and temperature variations. This voltage signal is then transmitted to the control unit.

| | |
|---------------------------------------|---|
| Function: | Flammable gas detector |
| Measuring range: | 0-100% LEL of the measured gas |
| Enclosure: | Poly carbonate |
| Ingress protection: | IP 66 |
| Sensor housing: | Stainless steel |
| Type of sensor: | Catalytic |
| Cable entry: | 6-11 mm shielded / 8.5-16 mm armed |
| Wiring connection: | 3 active wires |
| Output: | Bridge |
| Power consumption and loop impedance: | Refer to the gas monitor |
| Conformity: | CEM |
| Dimensions: | 130 W x 136 H x 69 D (in mm) |
| Operating temperature: | -25°C to + 70°C |
| Operating humidity: | 0-95%RH |
| Pressure: | Atm +/- 10% |
| T(90): | 10s |
| Accuracy: | 3% |
| Life span: | > 4 years |
| Approval: | EEX ed IIC T6 ou T5 - INERIS 00.E5002X - EN 50054 and EN50057 |



Accessories

- Removable filters, interchangeable without opening the housing
- Splash guard
- Gas collector cone
- Calibration cup
- Mounting brackets
- Pitot tubes, floats, heating protective device, etc.



Bypass adapter



Mounting bracket



Gas collector



Calibration cup

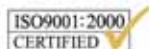
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