

The XDIwin-F6 Gas Sensor is capable of detecting a wide range of flammable gases. Standard 4~20mA signaling with CANbus address enables the sensors to be networked via the WatchGas Combi control system or customer preferred monitoring systems.



Key Features

- Explosion proof
- Rugged and reliable
- 3 alarm points
- CANbus / 4~20mA outputs
- Non intrusive adjustment magnets
- Back lit alpha numeric full status display
- Addressable or stand alone
- Hyper terminal communications / RS232
 - live data and set up with 232 adapter
- One man calibration
- 2 alarm relays plus fault relay or 3 alarm relays
- Data logging

SPECIFICATIONS

| | |
|-------------------------------|--|
| Weight | 1.6kg |
| Temperature | -15°C to +55°C - safe area use For hazardous area use see temperature ranges on C1227 (Ex certification summary) |
| Humidity | 0 to 99% RH Non-condensing |
| Alarm Signal | |
| Display | 2 line alpha numeric back lit status display: gas type, concentrating units, alarm levels, alarm status, low/high/over range), sensor ID, inhibit |
| Housing & Material | Copper free aluminium alloy, optional stainless steel |
| Lid/Base | Thread type with lock screw - 2mm |
| Finish | Chemical resistant epoxy paint Optional - Marine grade finish |
| Data Log | Intervals - variable time Roll over/stop Storage - 2,880 readings |
| Power Supply | 15 to 30vDC 24v nominal |
| Outputs | <ul style="list-style-type: none"> • 3 wire 4~20mA / 4 wire CANbus • Relays <ul style="list-style-type: none"> • Low alarm S.P.C.O • High alarm S.P.C.O • Fault alarm S.P.C.O • Rating 0.5A @30vDC • Inhibit option during servicing |
| Cable Entry | 2 x M20 - 1.5 pitch - alternatives 25mm - 3/4 NPT |
| IP Rating | IP65 |
| EMC | |
| Safety Certification | Explosion proof ATEX IECEx II 2G Ex db IIC T6...T5 Gb II 2D Ex tb IIIC T85°C...T100°C Db |
| Sensor Type | |
| Gas Type / Range | Flammable gases - LEL |
| Accessories | 003-062 Collector Cone & Universal Fitting 003-064 Universal fitting (Test Gas Applicator / Spray Deflector) 003-066 Flow Block - nylatron 003-090 Duct Mount Kit 003-083 Detector Head Weather Shield |

AVAILABLE GASES

| Gases | Measuring Range |
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