GJD-MM1 / GJSL-CO2







Geopal GJD-MM1and GJSL-CO2

Gas Alarm Monitor and Detector

Alarm monitor GJD-MM1 together with detector GJSL-CO2 is a cost-efficient solution for safety in cold and frost room.

The Geopal GJSL-CO2 detector is specially designed for detection of CO_2 in cold and frost rooms.

The height of the detector has been reduced to only 23 mm, this means the detector can be mounted under the fender list protecting the detector from mechanical damages.

Geopal alarm monitor GJD-MM1 offers audible and visual alarm indication. It also offers a 12 VDC (1,0A) output for external connection of sounder/ beacon and can be configured to either automatic or manual alarm reset. Manual reset is done by a button on the monitor front plate.

A man trap switch can be connected for increased safety working in cold/frost zones.

Features

Easy to calibrate

The calibration procedure offered by Geopal alarm monitors, can be carried out by one person in less than 10 minutes.

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PENDING SP14ATEX7159 DBI reg.no 233.301 DIC444QMS

GJD-MM1 / GJSL-CO2

GJD-MM1

Supply voltage	85-264 VAC
Power consumption	18 W max.
Relay contacts	2 relay outputs for alarm or 1 relay for alarm and 1 for fault Signal contact 230 V/3 A
Relay minimum switching load	500 mW
Voltage output	12V DC (1,0 A)
Man Trap	For a SPST-NC button
Sound Level	≥ 90 dBa (sounder mounted in front cover)
LED light	RGB
Frequencies and Patterns	Continuous at 4000Hz, Continuous at 3900Hz Alternating 3900Hz/4000Hz
Cabinet	ABS/Polycarbonate
IP rating	IP 65 DIN 60529
Weight	0,34 kg
Mechanical dimensions	151 x 80 x 61 mm (LxWxD)
Operating temperature	-20 °C to +70 °C
Approvals (*Directives and Standards*)	Electromagnetic Compatibility Directive (EMC) 2014/30/EU Low Voltage Directive 2014/35/EC EN 60 204-1; EN 61 010-1; EN 61 326-1 (2013); EN 61 000-6-2 (2005); EN 61 000-6-3 (2012); EN 50 270 (2015)
Quality	ISO 9001:2015

GJSL-CO2

Monitor to be connected to	GJD-MM1	
Available gases	Carbon dioxide (CO_2)	
Detection range	0-2.000 ppm, 0-10.000 ppm, 0-30.000 ppm	
Response timeT90	< 30 seconds	
Repeatability	+/- 2 % of FS range	
Long-term stability	< 3 % FS / 12 months	
Sensor lifetime (estimated)	>15 years	
Sensor	NDIR	
Material housing	POM, black	
IP rating	IP 65 (IEC 6052)	
Weight	0,4 kg	
Dimensions	155 x 80 x 23 mm (LxWxD)	
Max. operating conditions:	Temperature	-30 °C to +50 °C
	Humidity	0 %RH to 100 %RH, noncondensing
	Pressure	1013 mbar ±10%
Storage	Temperature	-30 °C to +55 °C
	Humidity	0 %RH to 95 %RH

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