GJD-L3C





Monitor GJD-L3C
with built in detector
(option)

Examples of possible detectors:



GJ-EX



GJ-EX-V



GJ-ELK

Geopal GJD-L3C
Control and Power Unit

Gas Alarm Monitor GJD-L3C is used where only one detection point is needed.

The present level of concentration is shown on a 2 lines display.

The monitor is designed to receive and process the signal from the connected detector. It will carry out necessary follow-up signal processing and set off a warning and alarm.

The relay circuits in the GJD-L3C system have relay contacts for low alarm level, high alarm level and system fault.

The relay circuits facilitate the control of external functions like ventilation systems, magnet valves, sound beacons etc.

The system can be programmed so the alarm is activated in the event of increasing or decreasing concentrations, typically used when the oxygen level is monitored.

GJD-L3C is equipped with a fault-finding circuit, that also monitors the detector cable.

The central alarm unit is encased in a sturdy, granite-grey plastic cabinet with a transparent lid.

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PENDING ITS-I 23ATEXQ36745 DBI reg. no 233.301 DIC444QMS

GJD-L3C

Supply voltage	24 VDC, 85-264 VAC
Power consumption	75 W max
Available detectors	Please refer to data sheet “Geopal Detectors” for detailed information of available detectors and type of gases. Available detectors GJ-EX, GJ-EX 150, GJ-OX, GJ-C, GJ-O2, GJ-CO2, GP-CO, GP-NO2, GP-ELK. Type of gasses, e.g. Methane, Propane, Hydrogen, Hexane, Benzene, Ethane, Ethylene, Oxygen, R404A, R407C, R22, R134a, Ammonia, CO2 etc.
Detection range	Depending on detector/sensor
Response time T90	Depending on detector/sensor
Calibration	Easy push button calibration
Electrical output	4–20 mA max load 500Ω, fault = 2 mA, 0–5 V or 0–10 V
Relay contacts	2 relay outputs for alarm 1 and alarm 2 1 relay output for fault Signal contact 230 V/8 A
Voltage output for sounder, flash, etc.	24 VDC (2 Amp)
Cable between detector and alarm monitor	2 or 3 conductors depending on type of detector 0,75 - 1.5 mm^2 shielded
Cabinet	ABS/Polycarbonate
Front panel	Dull green, foil on aluminium
Indicators	Display, 16 characters x 2 lines Green LED operation Red LED for alarm Yellow LED for fault/standby Internal sounder
IP rating	IP 65 DIN 60529
Weight	1,3 kg
Mechanical dimensions	185x240x115 mm (LxWxD) without glands
Operating temperature	
Approvals (Directives and Standards)	Electromagnetic Compatibility Directive (EMC) 2014/30/EU Low Voltage Directive 2014/35/EC EN 61 000-6-2 (2019); EN 61 000-6-4 (2019); EN 50 270 (2015) MED directive 961981 IACS E10: 2006 IEC 60 945:2002 and Corrigendum 1: 2008 IEC 60 092-504:2001-03 IEC 60 533:1999-11
Quality	ISO 9001:2015

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