



Geopal GJD-L2C



Geopal GJD-L2C
*Carbon-dioxide
monitor for connection
of one detector.*

Geopal GP-CO₂
*Gas detector for installation
in non-classified areas.*

*The carbon-dioxide monitor
type GJD-L2C is used
where only one detection
point is required - and just
one detector is needed. The
present CO₂ concentration
is shown on a display on
the monitor.*



The carbon-dioxide monitor type GJD-L2C is used where only one detection point is needed, which requires just one detector. The present CO₂ concentration is shown on the display on the monitor. The carbon-dioxide 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 if the CO₂ concentration in the air exceeds the calibrated limits. The relay circuits in the GJD-L2C system have relay contacts for low alarm level, high alarm level and system fault. These facilitate the control of external functions like ventilation systems, magnet valves, alarm bells, etc. The central alarm unit has a fault-finding circuit which also monitors the detector cable. The alarm unit is encased in a sturdy, granite-grey plastic cabinet with a transparent lid.





03 ATEX Q133996



DBI reg. Nr. 233.301

A12060
REGISTERED FIRM
ISO9001:2000

Technical Data

Description:

Specifications:

GJD-L2C Central Unit

Supply voltage:	230V AC, 110V AC, 12V DC, 24V DC
Power consumption:	10 W
Detection range:	0-2,000/5,000/10,000 ppm
Sensor:	Infrared
Response time, to gases:	< 7 seconds
Relay contacts:	Low and high alarm level, and system fault Max. load 230V AC, 10 A
Analogue output:	4-20 mA. Optional.
Cable between detector and Central Unit :	3-conductor 0.5 mm ² shielded
Cabinet:	ABS/Polycarbonate
Front panel:	Dull green, lacquered aluminium with lithographic print
Indicators:	Green, red and yellow LED plus internal sound indicator
IP rating:	IP 65 DIN 40050
Weight:	1.4 kg
Mechanical dimensions:	(LWD) 185 x 213 x 104.5 mm
Operating temperature:	-10 to +50 °C
Certification:	EMC Emission: EN 50081-1: Generic Emission Standard part 1 EMC Immunity: EN 50082-2: Generic Immunity Standard part 2
Safety:	EN 61010-1 & IEC 1010-1 Safety requirements for electrical equipment for measurement, control and laboratory use.

Detector GP-CO2

The GP-CO2 is used in non-classified areas. It is made of robust materials for application in aggressive environments.

Operating temperature:	-20°C to +50°C
Humidity:	0-100 % relative humidity, non-condensing
IP rating:	IP65
Materials:	Polycarbonate/POM
Mechanical dimensions:	(LWD) 150 x 80 x 58 mm. Length incl. cable gland M20
Weight:	0.4 kg