



Geopal GJD-05C



Geopal GJD-05C
Carbon-monoxide alarm monitor for connection of one detector.

Geopal GJ-CO
Gas detector for installation in non-classified areas



The carbon-monoxide alarm monitor type GJD-05C is used where only one detection point is needed, which requires just one gas detector.

The alarm 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 carbon-monoxide warning and carbon-monoxide alarm. The relay circuits in the GJD-05C 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, alarm bells, etc. The GJD-05C alarm system has a fault-finding circuit, which also monitors the detector cable. The central 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-05C Central Unit

Supply voltage:	230V AC, 110V AC, 12V DC, 24V DC
Power consumption:	10 W
Detection range:	20-1,000 ppm carbon monoxide
Response time, to gases:	0-60 seconds
Relay contacts:	Low and high alarm level, and system fault Max. load 230V AC, 10 A
Cable between detector and Central Unit :	6-conductor 1 or 1.5 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:	1.3 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 GJ-CO

The GJ-CO is used for detection of carbon monoxide, e.g. in underground car parks, at indoor go-kart racetracks, etc.	
Operating temperature:	-25°C to +80°C
Humidity:	0-100 % relative humidity, non-condensing
IP rating:	IP30
Materials:	Polycarbonate
Mechanical dimensions::	(LWD) 110 x 80 x 58 mm. Length incl. cable gland M25
Weight:	0.25 kg