DMDP-500

Carbon Monoxide Detector

Description

DETNOV's 500 series of detectors form part of the CMD-500 CO detection system. These have been developed and certified according to UNE 23300:1984 regulation and the Spanish Technical Building Code [Código Técnico de Edificación]

The DMDP-500 CO detector has been developed using the latest technological advances. Their novel design makes this range ideal for any type of installation and especially for those where functionality and a high protection index is needed.

The electrochemical cell and the algorithms used to detect the concentration of CO enable the DMDP-500 to provide high reliability and precision in CO detection. The DMD-500 has 1 ppm resolution and the detector's response time is less than 10 seconds.

CO detectors are insensitive to polarity and are connected to the CMD-500 carbon monoxide control panels through two wires. Any wiring topology is supported to adapt the system to the installation's requirements. The connection line can support up to 32 CO detectors with a maximum length of 2 km.

The DMDP-500 CO detector is designed to be used in places where CO detection points must be placed on the wall, and in places where a high protection index is needed.

Features

- UNE 23300:1984 approved
- Certificate number LOM 08MOGA3532
- Two-wire connection without polarity
- Electrochemical cell
- 1 pm resolution
- 10 second response time
- 200 m^2 protected area (limited by regulation)

Applications

Car parks or other places where concentrations of CO can accumulate and a high protection index is required.

Technical Characteristics

Sensor		
	Technology:	Electrochemical cell
	Operating life:	5 years
	Resolution:	1 ppm
	Response time:	10 seconds
	Storage temperature:	From -10ºC to +80ºC
	Protected area:	200 m^2 limited by regulation
Connections		
	2 x 1.5 mm^2 twisted and shielded cable to a Z-200 base	
Environment		
	Operating temperature: From -5ºC to 40ºC	
	Relative humidity: 95% without condensation	
	IP index: IP54	
Physical features:		
	Detector: 93 mm x 93 mm x 55 mm	
	Material: ABS	
Approval		
	Regulation-certified system according to UNE 23300:1984 Official testing laboratory Official laboratory J. M. Madariaga Certificate number LOM 08MOGA3532	

Dimensions