



# DMD-500

## Carbon Monoxide Detector

### Description

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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 DMD-500 CO detector has been developed using the latest technological advances. Their novel design makes this range one of the most elegant in the market, ideal for any type of installation and especially for those where a balance between functionality and aesthetics is needed.

The electrochemical cell and the algorithms used to detect the concentration of CO enable the DMD-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 DMD-500 CO detector is designed to be used in places where CO detection points must be placed on the ceiling.

### Features

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

## Applications

Car parks or other places where concentrations of CO can accumulate.

## Technical features

<b>Sensor</b>	
Technology:	Electrochemical cell
Operating life:	5 years
Resolution:	1 ppm
Response time:	10 seconds
Storage temperature:	From -10°C to +80°C
Protected area:	200 m <sup>2</sup> limited by regulation
<b>Connections</b>	
2 x 1.5 mm <sup>2</sup> twisted and shielded cable to a Z-200 base	
<b>Environment</b>	
Operating temperature: From -5°C to 40°C	
Relative humidity: 95% without condensation	
IP index: IP20	
<b>Physical features:</b>	
Head (height x Ø): 41 mm x 100 mm	
Base (height x Ø): 5 mm x 100 mm	
Supplement (height x Ø): 31 mm x 100 mm	
Material: ABS	
<b>Approval</b>	
Regulation-certified system according to UNE 23300:1984 Official testing laboratory Official laboratory J. M. Madariaga Certificate number LOM 08MOGA3532	

## Dimensions

