



DMD-500

Carbon Monoxide Detector

Standard Version

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 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 detectors are designed to be used in places where CO detection points must be placed on the ceiling and on the wall.

Features

- UNE 23300:1984 approved
- Certificate number LOM 08MOGA3532
- Two-wire connection without polarity
- Electrochemical cell
- 1 ppm resolution
- 10 second response time
- 200 m² protected area (limited by regulation)

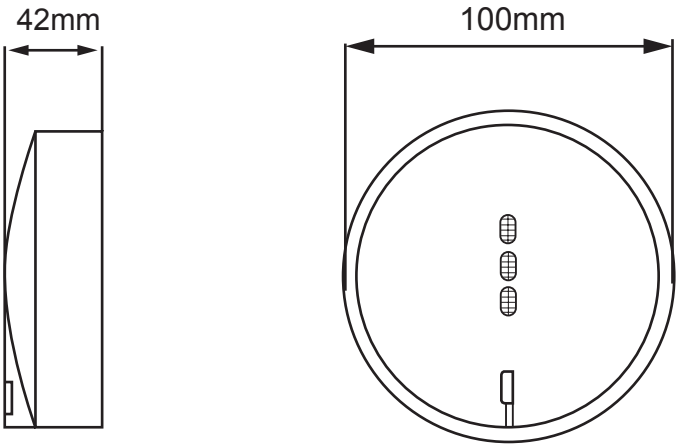
Applications

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

Technical features

Sensor		
	Technology:	Electrochemical cell
	Operating life:	10 years
	Resolution:	1 ppm
	Response time:	10 seconds
	Storage temperature:	From -10°C to +80°C
	Protected area:	200 m² limited by regulation
Connections		
	2 x 1.5 mm² twisted and shielded cable to a Z-200 base	
Environment		
	Operating temperature:	From -5°C to 40°C
	Relative humidity	95% without condensation
	IP index:	IP20
Physical features:		
	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
Approval		
	Regulation-certified system according to UNE 23300:1984 Official testing laboratory Official laboratory J. M.Madariaga Certificate number LOM 08MOGA3532	

Dimensions





DMDP-500

Carbon Monoxide Detector

Compact Version

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 detectors are designed to be used in places where CO detection points must be placed on the ceiling and 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 ppm resolution
- 10 second response time
- 200 m² 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:	10 years
	Resolution:	1 ppm
	Response time:	10 seconds
	Storage temperature:	From -10°C to +80°C
	Protected area:	200 m² limited by regulation
Connections		
	2 x 1.5 mm² twisted and shielded cable to a Z-200 base	
Environment		
	Operating temperature:	From -5°C to 40°C
	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

