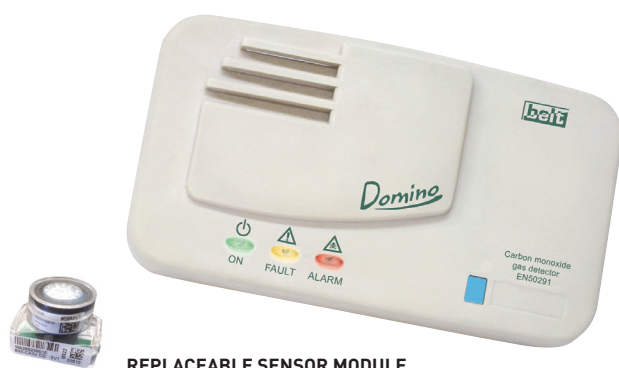


DOMINO CO

with plug-in replaceable sensor module

CARBON MONOXIDE GAS DETECTOR



REPLACEABLE SENSOR MODULE

The **DOMINO CO** gas detector is built in compliance with the **EN50291** standard and each is calibrated with sample gas, to intervene at low concentrations of carbon monoxide (CO) in the air.

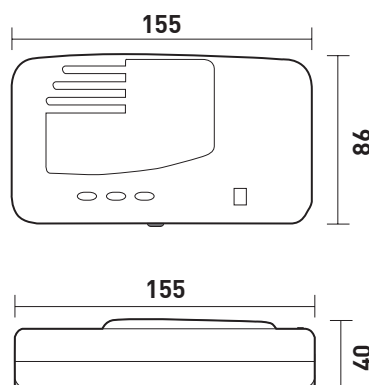
The **DOMINO CO** detector mounts the **CA3S** replaceable module which uses a high quality and precision electrochemical cell, combined with highly reliable control electronics.

The replaceable **CA3S** module allows for quick and reliable replacement and has a normal operating life of 5 years. Changing the **CA3S** module alone guarantees significant savings by avoiding the replacement of the entire detector.

The detector is equipped with self-diagnostics which indicates the fault condition with the yellow LED and verifies the continuous operating time, alerting via the special blue LED, the need to replace the **CA3S** module. Simultaneously with the red gas alarm indicator, the detector activates a powerful acoustic alarm and a relay, with changeover contact, suitable for controlling a gas shut-off solenoid valve or other external actuators.

Features

- ▲ Reduced operating, maintenance and installation costs
- ▲ High precision professional electrochemical cell sensor for accurate, reliable performance that eliminates false alarms
- ▲ Longer life of the detector thanks to the easy replacement of the sensor module (up to 15 years by replacing the module twice)
- ▲ Indication of sensor life ending
- ▲ Integrated alarm relay
- ▲ EN 50291 compliant



AVAILABLE VERSIONS

B10-DM03 With CA3S module - carbon monoxide

ACCESSORIES AND SPARES

B95-CA3S CA3S module - carbon monoxide

B90-SIRELAMP/12 Audible/visual alarm unit 12 Vdc/ac
B90-SIRELAMP/24 Audible/visual alarm unit 24 Vdc/ac
B90-SIRELAMP/220 Audible/visual alarm unit 230 Vac

A wide range of manual reloading gas valves is also available:

SERIE 400 RM NO, brass body, lever reloading
SERIE 500 RM NC, brass body, lever reloading
SERIE 600 RM NO, aluminum body, lever reloading
SERIE 900 RM NC, aluminum body, lever reloading



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CARBON MONOXIDE
GAS DETECTOR

POWER SUPPLY	
Voltage:	230 Vac 50 Hz (-15/+10%)
Current consumption:	1,5 VA (stand-by)
ENVIRONMENTAL	
Operating temperature:	-10°C / +40°C
Humidity:	30 ÷ 90% non-condensing
Enclosure rating:	IP42
MECHANICAL	
Dimensions:	160 x 92 x 42 mm
Weight:	350 gr
Color:	Ivory
Housing material:	PC/ABS UL94-V0
Mounting:	Wall mounted
SENSOR	
Sensor:	Plug-in replaceable sensor module
Type:	Electrochemical cell
Sensor life expectancy:	5 years
Detector life expectancy:	15 years (replacing two times the module)
Response time:	See table 1
Alarm conditions:	as specified by EN 50291 (see table 1)
ALARM	
Audible alarm:	Buzzer > 85 dbA at 1 meter
OUTPUT	
Relay:	1 (5A, 250 Vac, NO - C - NC)
STATUS INDICATOR	
Green:	Power on
Yellow:	Fault
Red:	Alarm
Blue:	Special functions such as sensor life expiry indication
OPERATIONAL	1 push button (detector reset, test and sensor module functioning years count)
APPROVALS	EMC (EN 50270) - EN 50291

Table 1: Response time / Alarm conditions

Carbon monoxide concentration	No alarm before	Alarm before
50 ppm	60 minutes	90 minutes
100 ppm	10 minutes	40 minutes
300 ppm	-	3 minutes



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This data sheet replaces previous ones.

The manufacturer can change without prior notice product specifications and details.

Descriptions and illustrations are shown only in order to aid the customer.

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