

P13E

CO-Carbon monoxide leak alarm

P13E is a device, without output relay, that makes it possible, by means of a special probe (i.e. sensor), to segnal the presence of carbon monoxide (CO) concentrations in domestic environments.



	Gas type	Power supply	Test button	Operating temperature	Protection degree
P13E	CO carbon monoxide	AA LR6 1,5V x 2	YES	-10 ÷ 50 °C 10-95% UR (non condensante)	IP42

ELECTRICAL CHARACTERISTICS

Power supply: DC 3V [AA LR6 1.5V*2]

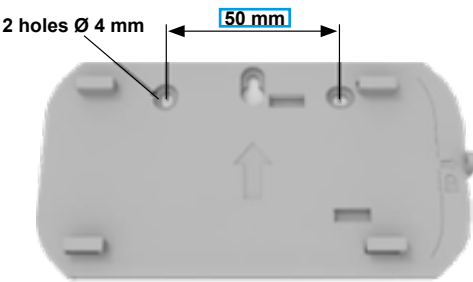
STANDARDS AND APPROVALS

Complies with EN50291-1:2018

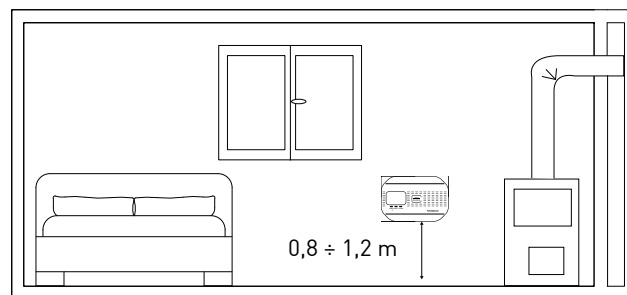


INSTALLATION

Wall mounting after inserting the power batteries.
Possibility of installation also on the ceiling.



The P13E device, to be installed in bedrooms or rooms where the occupants spend most time, shall be placed quite near the occupants' breathing area, 0.8 to 1.2 m above the floor, at a point where the air flow will not be obstructed by pieces of furniture. Refer to the UNI 11522 installation standard.



OPERATION

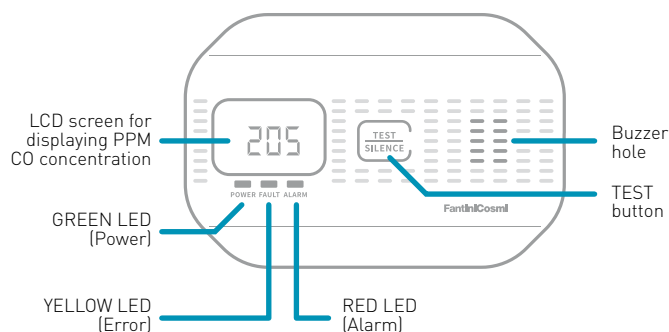
P13E detects CO carbon monoxide through its electrochemical cells probe in domestic environments.

CO carbon monoxide is a dangerous gas due to the fact that it's inodorous and colourless. In case of very high concentration it could lead to death.

P13E helps detecting CO leaks, however it cannot prevent chronic effects caused by prolonged exposition to CO.

P13E operates depending on the CO concentration in the environment according to the norm EN 50291, as follows:

- At 30 PPM, the equipment makes no alarm in less than 120 minutes
- At 50 PPM, the equipment makes alarm within 60-90 minutes
- At 100 PPM, the equipment makes alarm within 10-40 minutes
- At 300 PPM, the equipment makes alarm within 3 minutes



TECHNICAL FEATURES

Electrochemical sensor to signal CO carbon monoxide presence.

Shock proof body.

Internal luminous and acoustic alarms.

3 warning LED:

- Green LED: the device works properly
- Yellow LED: malfunction
- Red LED: ALARM, CO carbon monoxide is being detected

Sensor life: 10 years