

Installation Instruction

0468 SMB with shut off valve



ENGLISH

Safety mode box with shut off valve for CO2 Safety System.

Important!

Retain this instruction manual for future reference: Please read these instructions carefully prior to start-up and use. Failure to follow any of these instructions could void product warranties. LogiCO2 assumes no responsibility for claims arising out of improper or careless use or handling of it's products.

Function

Safety mode box (SMB) with shut off valve is an accessory for the Mk9 and Mk10 CO2 Safety System that shuts off the CO2 gas distribution in case of a leakage. It consists of a magnetic valve, electronics box and cabling.

SMB has an 1 meter Cat5 cable from the electronics box, with a blue RJ45 connector that is plugged in to the blue alarm signalling output cable side from either the Mk9 or Mk10 CO2 sensors. When the CO2 sensor indicates a high CO2 concentration, the magnetic valve will shut off the CO2 gas distribution. The valve is fail-safe (shuts off at power loss).

The magnetic valve should be installed as early as possible in the CO2 gas distribution chain (close to the CO2 tank) in order to avoid possible CO2 leakage before the safety valve.

Install the electronics box in a suitable place where it is mechanically protected. Remove the cover by turning it counterclockwise 1/8 turn to access the mounting screw holes.

Use of override magnet



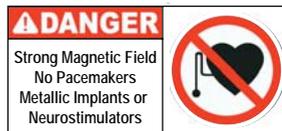
Warning: By removing the coil and applying the magnet to the cartridge the system safety logic is disabled and the responsibility moves 100 % to the person/departement in charge of this operation.



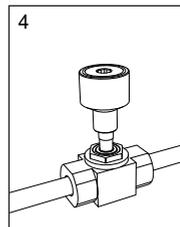
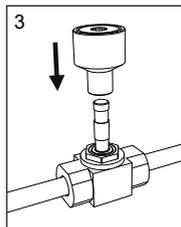
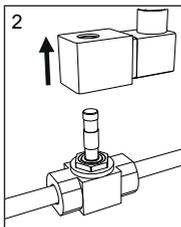
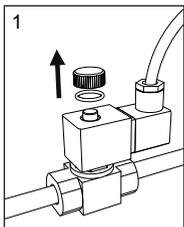
Warning: Do not send by airfreight unless properly packed.



Warning: Not to be handled by pacemaker wearers:



Make sure to always save the override magnet for future use.



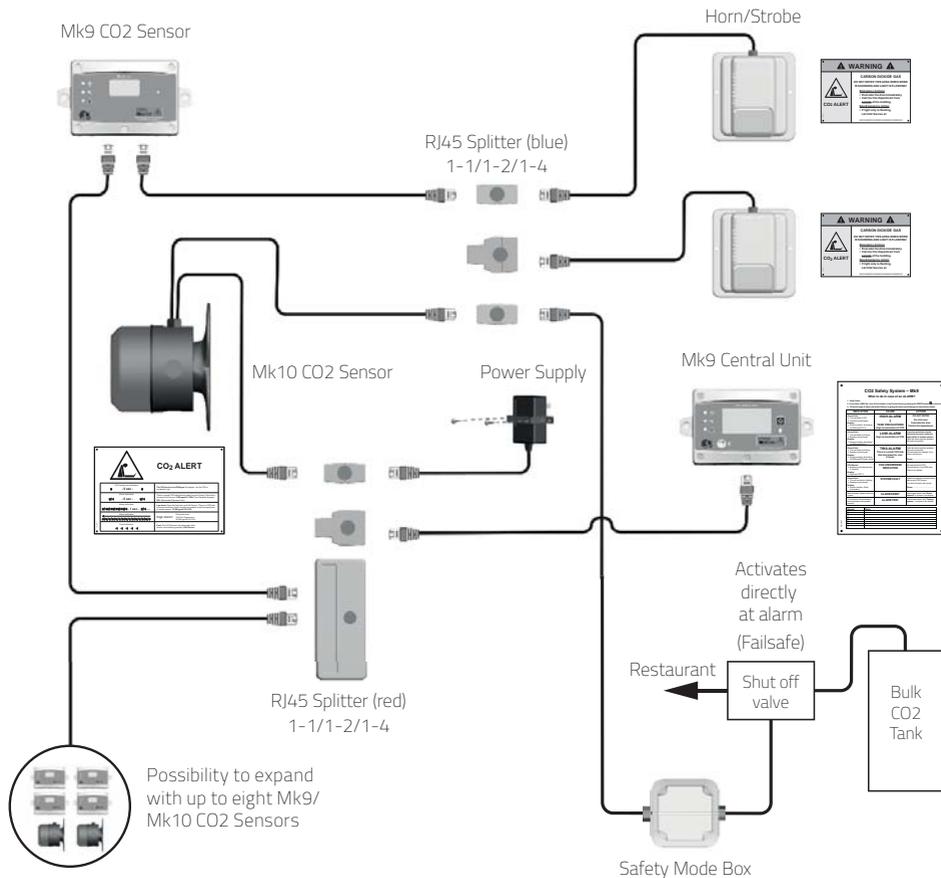
Strong magnetic field

Technical specifications for SMB

Power supply: Via CO2 Sensor
Relays: 1A/24V AC/DC
Material: PC/ABS
Dimensions (WxHxD): 78x78x37 mm / 3"x3"x1.5"
Ingress protection: IP 20

Installation

The connection diagram below shows an example of how the SMB with shut off valve can be installed to a CO2 Safety System (Mk9 and Mk10).



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