

SPLS KIT (CO₂) – Detectors for carbon dioxide

KIT including one channel SPLS with corresponding Co2 detector

NEW!

General


This kit is a superior system to detect CO₂ and alert both locally and remote, intended for installation in engine rooms, cold rooms or other spaces where gas is used, handled or stored. As both sound and light is built in valuable time on site will be saved.

Features


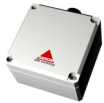

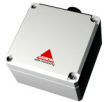
- **Monitoring** unit is microprocessor controlled and displays the current operating status via LED's
- **High intense LED alarm flash, (B-alarm)**
- **Built in alarm buzzer, (A-alarm)**
- **Mute function with timer (60min)**
- Three adjustable levels with relay output (230V 5A)
- Alarm delay, selectable in four steps
- Manual or automatic reset on alarm
- Digital input to manually activate all levels and relays
- Fail-safe function with built-in monitoring and power failure alarm
- Built-in self-test and service function
- Test terminal for service tools - Robust non corrosive PC enclosure for installation also in aggressive environments


- **Sensor** is power supplied from SPLS unit
- Infrared absorption (NDIR) detection with high selectivity and long-term stability.
- Heated sensor for extreme conditions -40°C...+50°C
- NDIR sensor 0-10,000 ppm
- Estimated lifetime of sensor ≈ 10 years
- Sensor is consider to be consumable item
- Method for calibration: automatic zero calibration
- Easy replaceable sensor, see spare parts
- Maintenance: at least once a year

Measuring ranges and alarm levels

 Alarm levels are always set on the monitoring unit! Appropriate ranges and alarm levels depends on the environment in which the detectors is installed, the threshold can easily be changed on site.

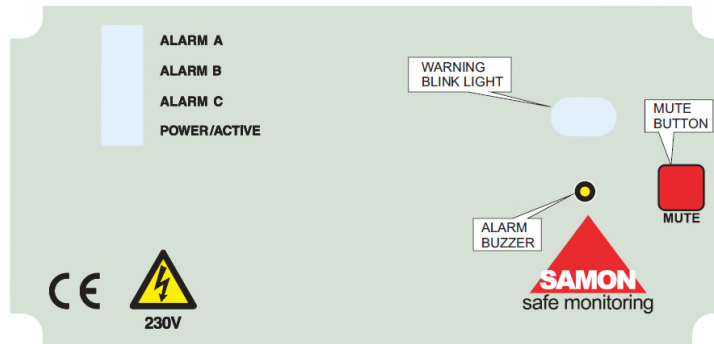
- Complies with EN378:2008 regulations

Order code	Model	Details	PG	EURO
	SPLS-24	Power supply 12-24V AC/DC Ambient temperature: -40°C..+50°C Humidity: 0..95% Rh (non condensing) IP54		
	MPS-CO2	Splash proof, room mounting Ambient temperature: -40°C..+50°C Humidity: 0..95% Rh (non condensing) IP67		
21-3612	SPLS24-CO2-KIT	0-10000 ppm, max 5 W	A	
	SPLS-230	Power supply 85 - 230V AC/DC Ambient temperature: -40°C..+50°C Humidity: 0..95% Rh (non condensing) IP54		
	MPS-CO2	Splash proof, room mounting Ambient temperature: -40°C..+50°C Humidity: 0..95% Rh (non condensing) IP67		
21-3617	SPLS230-CO2-KIT	0-10000 ppm, max 5 W	A	

 Alarm levels are always set on the monitoring unit, which is normally done during commissioning of the system.

Factory-set alarm levels (by experience appropriate alarm levels and ranges):

Detector type	Range	Alarm levels
CO ₂	0-10,000ppm	2000 / 5000 / 8000 ppm



WARNING IS ACTIVATED ON B-LEVEL
ALARM IS ACTIVATED ON A-LEVEL

