ASCO CO_2 Gas Detectors

ASCO CO_2 Gas Detectors are used to protect personnel wherever CO_2 gas or dry ice is used in closed areas, for example during dry ice blasting or when producing dry ice. **ASCO** offers wall-mounted solutions for area monitoring and portable devices for personal protection.

ASCO CO_2 Gas Detectors ensure continuous and automatic CO_2 content measuring in the ambient air using infrared absorption measuring (NDIR). This technology is very trouble-resistant to temperature variations or air draughts and therefore measures very accurately. The CO_2 gas detectors are very simple to handle and all components are built splash proof.

ASCO CO_2 Gas Detector AGS for area monitoring (wall-mounted)

ASCO CO_2-Gas-Detector AGS Station

Stationary CO_2 Gas-Detector AGS for CO_2 content monitoring in rooms, consisting of a display and sensor unit.

Characteristics:
- Alarm signals acoustically and visually at 3 limit values
- Two calibration methods
- Versatile connection and integration options
- IP54 housing classified for dust and splash protection
- Integrated emergency power battery

no. 901261

Specifications Detector

Dimensions/weight:	140 x 90 x 48 mm (5.5 x 3.5 x 1.9 in) / approx. 0.9 kg (1.9 lb)
Material box:	plastic (IP54)
Resolution:	0.1 Vol. % CO_2 (10ppm bei 0~10,000ppm/100ppm bei 10,001~50,000ppm)
Voltage/ Power supply:	
DC:	9 - 32 VDC (12 – 32 VDC recommended), 2 A
AC adapter:	Input: 100 – 240 VAC, 50/60 Hz, 0,6 A
	Output: 12 VDC, 2000 mA
Max. power consumption:	approx. 2 W
Relay preliminary alarm/alarm:	below 2 A at 30 VDC or 250 VAC, SPDT
Analog output signal:	4 - 20 mA

Specifications Sensor

Size/weight:	170 x 126 x 69 mm (6.7 x 5 x 2.7 in) / approx. 0.5 kg (1 lb)
Material box:	plastic (IP54)
Gas entry:	diffusion
Measuring method:	nondispersive infrared measurement (NDIR)
Measuring range:	0 - 5 Vol. % CO_2 (0 - 50.000 ppm)
Accuracy:	0.1 Vol. % CO_2 (+- 100 ppm oder +- 5%)
Operating temperature:	0 to +50 °C

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All about CO_2

ASCO CO$_2$ Gas Detector AGP

part no. 901260

Portable CO$_2$ Gas Detector to protect employees in areas where carbon dioxide buildup may cause personal harm.

Features:
- Audible, visual strobe and vibrating alarms
- Man down alarm
- Rechargeable Li-ion battery
- Two calibration methods
- Heavy duty metal clip

Specifications

Alarm settings:	3 thresholds
Alarm signals:	audible, visual, vibrating
Dimensions:	98 x 50 x 42 mm (3.9 x 2.0 x 1.7 in)
Weight:	approx. 0.14 kg (0.3 lb)
Material:	plastic material (IP54)
Power:	4.2 V, 1500 mAh Li-ion battery rechargeable (USB cable included)
Operating conditions:	0° - 50°C
Warm up time:	approx. 5 sec.
Resolution:	1 ppm; 0.01 vol % CO$_2$
Accuracy:	±40 ppm / ±3 %
Gas entry:	diffusion
Measuring method:	nondispersive infrared measurement (NDIR)
Measuring range:	0 - 5 vol % CO$_2$
Calibration interval:	1 year
Calibration method:	Nitrogen or ambient air