

BZ-100-CO

Single-gas CO detector

BZ-100-CO is a low-power gas detector with intrinsic safety, capable of continuously measuring carbon monoxide concentration in the environment. The device is reliable and reinforced with a highly durable IP67 protective housing, making it resistant to water and dust.

FEATURES

- LCD display
- Compact housing, easy to transport
- Protection : IP67 / IP68
- Device expiration date reminder
- Backlighting and visual alarms
- Audible, visual, and vibrating alarm signals
- Multiple alarms : low, high, TWA, STEL, sensor overload, etc.
- ATEX Ex ia IIC T4 Ga
- Certificates:
 - ECEX CSA 23.0033X
 - CSANe 23 ATEX1152X
- Compliant with French regulations



IP67



SPECIFICATIONS

- Electrochemical sensor
- Detection range : 0 à 500 ppm
- Alarm thresholds :
 - Low : 35 ppm
 - High : 200 ppm
 - TWA : 20 ppm
 - STEL : 100 ppm
- Absolute deviation : ± 5 ppm
- Relative deviation : ± 10 %
- Response time : $T_{90} < 30s$
- Ambient conditions : $-20^{\circ} \sim 50^{\circ}C$ / < 95 %RH (non-condensing)
- Lifespan: Minimum 2 years
- Power supply: DC 3.6V (ER14250) 1.2Ah
- Dimensions : 61,5 x 52,8 x 27,0 mm
- Weight : 85gr