



Fixed Single Gas Detector MIC100

Overview

MIC100 Series gas detector can be used in 24 hours continuous online monitoring of concentrations of single gas in the field. The types for detection are more than 500 types. With an output, can be simply integrated into a Distributed Control System (DCS) to provide warnings and enable control of high levels in the working environment.



Features

- Simple to install service and calibrate, MIC100 Series require no hot work permit and the PID sensor is accessible and changeable in a matter of seconds.
- Strong, durable and explosion-proof shell and fluorocarbon surface treatment process are suitable for the use at a variety of hazardous places and corrosive environments, it is wear-resistant.

THREE CORE COMPONENTS

REAL MATERIAL, HIGH CONFIGURATION, SENSITIVITY AND DURABILITY



ADOPT IMPORT BRAND



MULTI-CORE COMPUTING
PERFORMANCE IS STRONG



ANTI - ELECTROMAGNETIC
INTERFERENCE, REDUCE FALSE
POSITIVES



Water-proof



Dust-proof



Explosion-proof

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High Sensitive

Responsive, 24 hours continuous online monitoring



Detected gases can be customised

Detector Type



Explosion Proof Product

Exd II CT6 Gb IP65 Water-proof and dust-proof

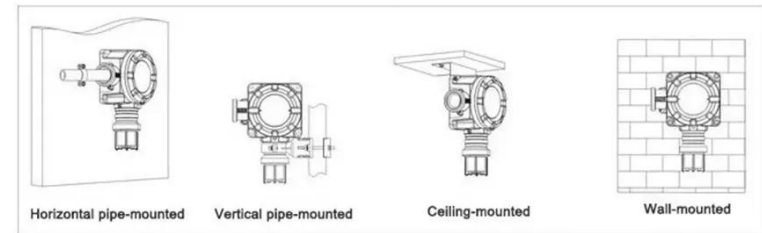


Alarm Controller, Multiple Options

Anti - interference, Good Stability, High Sensitivity, Fast Response

Simple Installation

Detector Position



Ceiling

30~60cm



Wall-mounted

Detect gases that are lighter than air



Gas Leak



Pipe-mounted

30~60cm

Detect gases heavier than air

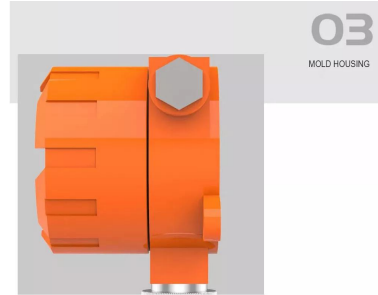
Control Center



160cm



Product Details



Specifications

Gas	Carbon Monoxide	Sensor	Electrochemical
Range	0-500、1000、2000ppm Can be customized	Resolution	0.1 ppm; Can be customized
Sampling Method	diffusion/pump	Control Method	Controller/Infrared remote control
Allowable error	±3% FS; Can be customized	Work Method	24-hour continuously monitoring
Response time	T90≤20 seconds; Can be customized	Recovery time	≤10 seconds; Can be customized
Working Temp	'-20 °C ~ + 70 °C; (Standard Values) '-40 °C ~ + 80 °C; (Limit Value)	Humidity	10 ~ 95% RH
Voltage	≤2.5 W (DC24V)	Power	12 ~ 30VDC
Protection level	IP65	Explosion-proof	Exd II CT6
Alarm	Audible; Light (option)	Display	LCD/without LCD Display
Cable	PVVP3 * 1.0mm 2	Transmission Distance	≤1000m
Installation	Wall-mounted ; Ceiling-mounted ; Vertical pipe-mounted; Horizontal pipe-mounted		
Output	<p>① Three-wire system 4 ~ 20mA standard signal, and it is possible to work with controller module, PLC, DCS system.</p> <p>② Standard bus RS485 (mod bus-RTU) simultaneous output, and it is possible to view the stored data on the computer via RS232 card.</p> <p>③ Two set of relay switch measures ports (upper and lower limits) output: dry contact . capacity 30V 1A, 125VAC 0.5A.</p> <p>④ Voltage Signal Output: can set 0-5v, 0-10v signal output (optional).</p> <p>⑤ Other Output: Frequency, Hart, Wireless , GPRS, NB etc.</p>		
Size (mm)	180*140*92	Weight (Kg)	1.6
Kit	Manual, qualification certificate, warranty card, outer packaging box		

Application Scenes

All the cases which requires the fixed installation, and online detection of gas concentrations such as petroleum, chemical, pharmaceutical, environmental protection, combustion gas distribution, warehousing, smoke gas analysis, air governance, and so on.

OUR ALARM WORKS IN THE FOLLOWING UNITS

#It is wise to nip in the bud#

CHEMICAL PLANT

OIL DEPOT

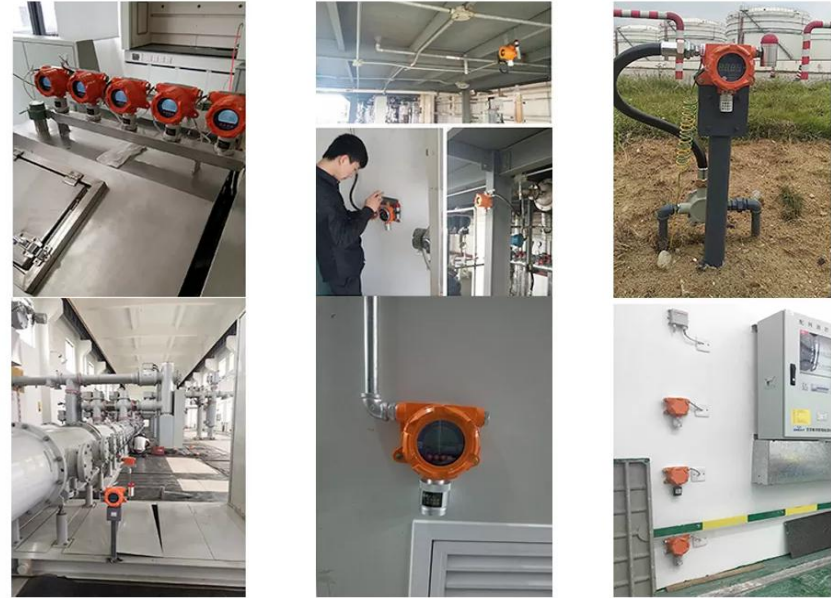
LIQUEFIED GAS STATION

GAS STATION

SPRAY PAINT

GASOLINE STATION

Usage Scenarios



Recommend Products

Multi-type Gas Detector

All instruments support customized gas,
if necessary please contact customer service

