

TX-01 Car Parking Gas detector

INTRODUCTION

TX-01 is a newly developed Fixed Gas Detector of Synergy. With high-quality Electrochemical/Catalytic Gas Sensor and excellent craftwork, it has the advantages of good repeatability, disturbing-proof against temperature and humidity, long life-span and easily operation.

It can transfer the gas concentration in air into digital signal output through 4-20mA electric current signal. It is suitable for gas detection in car parking or industrial environment where toxic gas or combustible gas leaks.



TECHNICAL SPECIFICATION

Model	TX01-A	TX01-B
Working principle	Electrochemical (toxic gas) or Catalytic (combustible gas)	Electrochemical (toxic gas) or Catalytic (combustible gas)
Detecting gas	CO or CH ₄	CO or CH ₄
Detecting range	CO: 0~1000ppm or CH ₄ : 0~100%LEL	CO: 0~1000ppm or CH ₄ : 0~100%LEL
Resolution	CO: 1ppm or CH ₄ : 1%LEL	CO: 1ppm or CH ₄ : 1%LEL
Low alarm level	CO: 35ppm or CH ₄ : 20%LEL	CO: 35ppm or CH ₄ : 20%LEL
High alarm level	CO: 200ppm or CH ₄ : 50%LEL	CO: 200ppm or CH ₄ : 50%LEL
Signal output	4~20mA Low alarm relay output High alarm relay output	RS485
Cable	1.5 mm ² ×3 field cable	1.5 mm ² ×4 field cable
Sampling method	Diffuse naturally	
Response time	<60s	
Power supply	DC24V±25%	
Consumption	2W/channel	
Working condition	Tem.: -20°C~50°C Hum.: ≤95%	
Protection grade	IP66	
Air pressure	86kPa~106kPa	
Weight	≤500g	
Dimension	L×B×H mm:165×118×62	
Transmission distance	≤1000m	