Commercial Series

6-Series (12-24V) & 12-Series (120V) Fixed Gas Detectors

The Macurco 6 & 12 Series fixed gas detectors provide life-saving solutions aimed to protect people and property. These fixed gas detectors are designed for low level detection, mitigation, and notification. Let these detectors do the work for you by shutting off valves, turning on fans, engaging horns and strobes, and provide notification to fire panels and building automation systems when gases reach key limits.

Key Features

• Easy installation to 4x4 electrical boxes via mud plate
• User selectable settings (Default to industry standards) via two button interface
• 5 A SPDT fan relay, 0.5A alarm relay to control fans, valves, louvers, horn and strobes
• 4-20mA output to control VFD’s and send to BMS
• LED display to easily show gas concentrations
• End of life notification
• Field calibration kits available

Applications

• Parking Garages
• Mechanical Rooms
• Restaurants
• Battery Charging Stations
• Breweries
• Storage Facilities
• Loading Docks
• Warehouses
• Firehouses & Ambulance Bays
• Refrigeration Facilities
• Vehicle Repair Facilities
• Bus Depots

Whether you are looking for gas detection for a security system, building automation or HVAC system, for personal safety or for monitoring specific gases in potentially hazardous environments, Macurco has a gas detector to meet your needs.
Specifications

**Size**
4 1/2 x 4 x 2 1/8 in. (11.4 X 10.2 X 5.4 cm)

**Weight**
1 pound (0.45 kg)

**Voltage/Current**

### 6-Series
Power: 3 W (max) from 12 to 24 VAC or 12 to 32 VDC
Current @ 24 VDC:
- Alarm: 75 mA
- Fan Relay on: 50 mA
- Standby: 23 mA

### 12-Series
Power: 100-240 VAC (50 to 60 HZ)
Current: 1.0 A MAX

**Operating Temperature**
0°F to 125°F (-18°C to 52°C)
CD-6/12H 32°F to 122°F (0°C to 50°C)

**Ambient Humidity**
10-90% RH NonCondensing

**Display**
LED (can turn on/off) Display
Analog 4-20mA, with MRS-485 Adapter
Digital Modbus

**Current Loop**
4" x 4" electrical box

**Mounting**
5A Fan Relay & 0.5A Alarm Relay
User Adjustable Settings

**Certifications**
ETL Listed
*See detector manual for additional certifications*

**Warranty**
Two Year Limited Warranty

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### Accessories

**Name**

- Control Panels: DVP-120, DVP-120M, DVP-120B
- Addressable Adapter: MRS-485
- Horn and Strobe (5 color options): HS-A, HS-B, HS-R, HS-G, HS-C
- Duct Mount Kit: DMK-1
- Weatherproof Housing Kit: WHK-1
- Plug in 24VDC Transformer: PS-24
- Calibration Kits: Based on Gas Type

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###since 1972 Macurco has been providing gas detection solutions for various applications. Macurco provides the highest quality gas detection solutions to customers worldwide.