MACURCO
GAS DETECTION

Fixed gas detection equipment and accessories for commercial applications

Gas Type	Carbon Monoxide / Nitrogen Dioxide	Carbon Monoxide	Combustible Gases	Nitrogen Dioxide	Hydrogen Sulfide	Ammonia	Oxygen	Refrigerants	Carbon Dioxide	Carbon Dioxide	Carbon Dioxide
Image											
12-24 VAC or 12-32 VDC	CX-6	CM-6	GD-6	TX-6-ND	TX-6-HS	TX-6-AM	OX-6	RD-6	CD-6MC	CD-6H	CD-6B
100-240VAC	CX-12	CM-12	GD-12	TX-12-ND	TX-12-HS	TX-12-AM	OX-12	RD-12	CD-12MC	CD-12H	
Features	• 5A control relay • 0.5A alarm relay • Digital display • Internal buzzer • 4-20mA current loop • DVP-120 compatible • ETL Listed • 2-3-year replaceable sensors	• 5A control relay • 0.5A alarm relay • Digital display • Internal buzzer • 4-20mA current loop • DVP-120 compatible • ETL Listed • 10-year sensor	• 5A control relay • 0.5A alarm relay • Digital display • Internal buzzer • 4-20mA current loop • DVP-120 compatible • ETL Listed • 5-year sensor	• 5A control relay • 0.5A alarm relay • Digital display • Internal buzzer • 4-20mA current loop • DVP-120 compatible • ETL Listed • 2-year sensor, field replaceable	• 5A control relay • 0.5A alarm relay • Digital display • Internal buzzer • 4-20mA current loop • DVP-120 compatible • ETL Listed • 2-year sensor, field replaceable	• 5A control relay • 0.5A alarm relay • Digital display • Internal buzzer • 4-20mA current loop • DVP-120 compatible • ETL Listed • 2-year sensor, field replaceable	• 5A control relay • 0.5A alarm relay • Digital display • Internal buzzer • 4-20mA current loop • DVP-120 compatible • ETL Listed • 2-year sensor, field replaceable	• 5A control relay • 0.5A alarm relay • Internal buzzer • 4-20mA current loop • DVP-120 compatible • ETL Listed • 7-year sensor	• Manual calibration • 5A control relay • 0.5A alarm relay • Digital display • Internal buzzer • 4-20mA current loop • DVP-120 compatible • ETL Listed • 15-year Sensor	• Auto calibration • 5A control relay • 0.5A alarm relay • Digital display • Internal buzzer • 4-20mA current loop • DVP-120 compatible • ETL Listed • 15-year sensor	• Auto or manual calibration • Three 2A alarm relays • Digital display • Internal buzzer • NOT DVP-120 compatible • ETL Listed • 15-year sensor
Applications	Automobile exhaust, parking garages, forklifts, loading docks, vehicle repair facilities, warehouses, kitchens, laundries, heaters	Automobile exhaust, parking garages, forklifts, loading docks, vehicle repair facilities, warehouses, kitchens, laundries, heaters	Methane (NG), Propane (LP), Hydrogen (H2), battery charging, warehouses, vehicles, landfills, repair facilities, golf carts, battery back-up	Diesel exhaust, parking garages, warehouses, loading docks, bus depots, firehouses, ambulance bays, maintenance facilities	Refineries, pulp and paper mills, waste disposal, sewer gas, swamp gas and manure gas, crude petroleum	Industrial refrigeration, warehouses, grocery stores, hockey rinks and other commercial refrigeration applications	Wastewater treatment plants, hospitals, factories, storage facilities and other commercial applications	Industrial refrigeration, warehouses, cold storage, grocery stores and other commercial refrigeration applications	Offices, gyms, auditoriums, conference rooms, schools, retail stores, restaurants, theaters and other commercial applications	Offices, gyms, auditoriums, conference rooms, schools, retail stores, restaurants, theaters and other commercial applications	Restaurants, breweries, grow facilities (agriculture, cannabis, etc.), tank storage, refrigeration facilities, wineries, food processes
Range	CO: 0-200 PPM NO2: 0-20 PPM	0-200 PPM	0-50% LEL	0-20 PPM	0-50 PPM	0-100 PPM	0-25 % V/V	0-1,000 PPM	0-5,000 PPM	0-5,000 PPM	0-50,000 PPM
Area	5,000 ft² (465 m²)	5,000 ft² (465 m²)	900 ft² (84 m²)	5,000 ft² (465 m²)	900 ft² (84 m²)	900 ft² (84 m²)	900 ft² (84 m²)	900 ft² (84 m²)	900 – 5000 ft² (84 - 465 m²)	900 – 5000 ft² (84 - 465 m²)	900 – 5000 ft² (84 - 465 m²)
Weight	1 lb. (0.45 kg)	1 lb. (0.45 kg)	1 lb. (0.45 kg)	1 lb. (0.45 kg)	1 lb. (0.45 kg)	1 lb. (0.45 kg)	1 lb. (0.45 kg)	1 lb. (0.45 kg)	1 lb. (0.45 kg)	1 lb. (0.45 kg)	1 lb. (0.45 kg)
Size	4.5 x 4 x 2.12 in. (11.4 x 10.2 x 5.4 cm)	4.5 x 4 x 2.12 in. (11.4 x 10.2 x 5.4 cm)	4.5 x 4 x 2.12 in. (11.4 x 10.2 x 5.4 cm)	4.5 x 4 x 2.12 in. (11.4 x 10.2 x 5.4 cm)	4.5 x 4 x 2.12 in. (11.4 x 10.2 x 5.4 cm)	4.5 x 4 x 2.12 in. (11.4 x 10.2 x 5.4 cm)	4.5 x 4 x 2.12 in. (11.4 x 10.2 x 5.4 cm)	4.5 x 4 x 2.12 in. (11.4 x 10.2 x 5.4 cm)	4.5 x 4 x 2.12 in. (11.4 x 10.2 x 5.4 cm)	4.5 x 4 x 2.12 in. (11.4 x 10.2 x 5.4 cm)	4.5 x 4 x 2.12 in. (11.4 x 10.2 x 5.4 cm)
Environment	0°F to 125°F (-18°C to 52°C) 10-90% RH Non-Condensing	0°F to 125°F (-18°C to 52°C) 10-90% RH Non-Condensing	0°F to 125°F (-18°C to 52°C) 10-90% RH Non-Condensing	0°F to 125°F (-18°C to 52°C) 10-90% RH Non-Condensing	0°F to 125°F (-18°C to 52°C) 10-90% RH Non-Condensing	0°F to 125°F (-18°C to 52°C) 10-90% RH Non-Condensing	0°F to 125°F (-18°C to 52°C) 10-90% RH Non-Condensing	0°F to 125°F (-18°C to 52°C) 10-90% RH Non-Condensing	32°F to 122°F (0°C to 50°C) 10-90% RH Non-Condensing	32°F to 122°F (0°C to 50°C) 10-90% RH Non-Condensing	32°F to 122°F (0°C to 50°C) 10-90% RH Non-Condensing

All products come with a 2-year warranty - excluding gases

![Macurco Gas Detection logo]

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Type	Analog Control Panel	Analog/ Digital Control Panel	BACnet Control Panel	BACnet IP Control Panel	Modbus Adapter	Power Supply	Horn & Strobe	Sync Module	Weatherproof Enclosure	CO Test Gas	Calibration Kits
Image											
Product	DVP-120	DVP-120M	DVP-120B	DVP-1200	MRS-485	MAC-6AMP/ MAC-10AMP	HS Series	HS-Sync	WHK-1	CME1-FTG	Calibration Kits
Features	• 12 analog sensor inputs • Three 10-amp relays • Two horn/strobe drivers • Internal buzzer • Lockable enclosure • Digital display, LEDs • ETL Listed	• 12 analog sensor inputs & 87 digital sensor inputs • Three 10-amp relays • Horn/strobe drivers • Internal buzzer • Lockable enclosure • Digital display, LEDs • ETL Listed • Uses MRS-485	• Includes all DVP-120 features • 99 digital sensor inputs • BACnet MS/TP output to Building Automation System • MRS-485 Required (1:1 per detector)	• 192 digital sensor inputs • Event logging • Eight zones • Up to 12 relays • Three 4-20mA outputs • Four 24VDC outputs • BACnet IP (ethernet connection) • 90-250 VAC input • Lockable NEMA4X enclosure	Adapter used to convert 4-20mA analog signal from the Macurco 6-Series detectors to a digital signal for use with multipoint addressable systems, DVP-120M, DVP-120B & DVP-120C.	• 4 - 24VDC Outputs • Input rating 115VAC, 60Hz • Input fuse Rating 5A/250V • AC Failure Supervision	• Strobe candela: Adjustable at 15,30,75,110cd • 24VDC power input • Two adjustable audible tone settings: continuous / temporal 4 • Strobe flash rate: 1 Flash/second • Lens color options: amber, blue, red, clear	• Synchronized strobes per ADA & NFPA • Synchronizes up to 15 strobes in a single daisy-chain • Mounts to 4x4 electrical box • Works with Macurco HS-Series • Comes with external 40A mini relay	Weatherproof enclosure that provides a degree of protection to the Macurco 6- and 12-Series gas detectors in non-hazardous locations. This housing kit allows a detector to continuously monitor gas levels while being protected from falling debris and indirect spray.	The CME1-FTG is an aerosol carbon monoxide field test gas that can be used with carbon monoxide detectors. This field test gas allows users and installers to do a quick functionality test of the CO sensor. The CME1-FTG is an 11liter (L), 500ppm CO/Air mixture in an aerosol can.	Calibration kits include gas cylinders, gas regulator, plastic tubing, humidifier, calibration hood and a deluxe Macurco carrying case. All Macurco gas detectors are factory calibrated. Each detector's performance should be tested regularly.
Applications	Parking garages, loading docks, vehicle repair facilities, arenas, warehouses, and other commercial applications	Parking garages, loading docks, vehicle repair facilities, arenas, warehouses, and other commercial applications	Parking garages, loading docks, vehicle repair facilities, arenas, warehouses, and other commercial applications	Parking garages, loading docks, vehicle repair facilities, arenas, warehouses, and other commercial applications	For use with Building Automation Systems, Control Panels or other Control Devices that accept Modbus communications	Parking garages, loading docks, vehicle repair facilities, arenas, warehouses, and other commercial applications	For use with the Macurco Fixed 6-Series Detectors, DVP-120/ DVP-120M/ DVP-120B	For use with the Macurco HS Series	Parking garages, vehicle washdown bays, cold storage facilities, breweries, wineries	For use with Macurco CM-E1, CX-6, CX-12, CM-6, and CM-12	For use with Macurco 6-Series and 12-Series detectors
Weight	6.5 lbs. (2.93 kg)	6.5 lbs. (2.93 kg)	6.5 lbs. (2.93 kg)	12.4 lbs. (5.62 kg)	0.25 lb. (0.11 kg)	6AMP 8.5 lbs. (3.4 kg) 10AMP: 9.4 lbs. (4.6 kg)	1 lb. (0.45 kg)	1 lb. (0.45 kg)	1.5 lbs. (0.68 g)	1 lb. (0.45 kg)	8 lbs. (3.6 kg)
Size	10 x 12 x 2 in. (25.4 x 30.5 x 5.1 cm)	10 x 12 x 2 in. (25.4 x 30.5 x 5.1 cm)	10 x 12 x 2 in. (25.4 x 30.5 x 6.9 cm)	13 x 10 x 2.75 in. (33 x 25.4.5 x 5.1 cm)	3.5 x 2 x 1.75 in. (8.9 x 5.1 x 4.4 cm)	6AMP:13.5 x 13 x 3.25 in. 10AMP: 15.5 x 12 x 4.5 in.	5.5 x 4.8 x 2 in. (14 x 12 x 5 cm)	4.5 x 4.5 x 1 in. (11.4 x 11.4 x 2.5 cm)	6.25 x 6.25 x 3.5 in. (15.9 x 15.9 x 8.9 cm)	12 x 3 x 3 in. (30.5 x 7.6 x 7.6 cm)	18 x 13.5 x 6 in. (45.7 x 34.3 x 15.2 cm)
Environment	32°F to 120°F (0°C to 50°C) 10- 90% RH Non-Condensing	32°F to 120°F (0°C to 50°C) 10-90% RH Non-Condensing	32°F to 120°F (0°C to 50°C) 10-90% RH Non-Condensing	32°F to 104°F (0°C to 40°C) 0-90% RH Non-Condensing	0°F to 125°F (-18°C to 52°C) 10-90% RH Non-Condensing	32°F to 120°F (0°C to 49°C) 85% +/ - 5% RH	32°F to 120°F (0°C to 49°C). 10-93% RH	32°F to 120°F (0°C to 49°C). 10-93% RH	See Detector Specifications	See Detector Specifications	See Detector Specifications

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