


Portable and fixed gas detection equipment for residential, commercial and industrial applications

Product	Carbon Monoxide	Combustible Gases	Nitrogen Dioxide	Hydrogen Sulfide	Ammonia	Oxygen	Refrigerants	Carbon Dioxide	Analog Control Panel	Digital Control Panel	Modbus Adapter
Image											
12-24 VAC or 12-32 VDC	CM-6	GD-6	TX-6-ND	TX-6-HS	TX-6-AM	OX-6	RD-6	CD-6H			MRS-485
100-240VAC	CM-12	GD-12	TX-12-ND	TX-12-HS	TX-12-AM	OX-12	RD-12	CD-12H	DVP-120	DVP-120B	12-24 VAC or VDC
Features	<ul style="list-style-type: none"> 5A Control relay 0.5A Alarm Relay Digital Display Internal Buzzer 4-20mA current loop DVP-120 compatible ETL Listed 7 Year Sensor 	<ul style="list-style-type: none"> 5A Control relay 0.5A Alarm Relay Digital Display Internal Buzzer 4-20mA current loop DVP-120 compatible ETL Listed 5 Year Sensor 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 5A Control relay 0.5A Alarm Relay Digital Display Internal Buzzer 4-20mA current loop DVP-120 compatible ETL Listed 7 Year Sensor 	<ul style="list-style-type: none"> 5A Control relay 0.5A Alarm Relay Digital Display Internal Buzzer 4-20mA current loop DVP-120 compatible ETL Listed 14 Year Sensor 	<ul style="list-style-type: none"> 12 analog sensor inputs Three 10 amp relays Horn/strobe drivers Internal buzzer Lockable enclosure Digital display, LEDs ETL Listed 	<ul style="list-style-type: none"> Includes all DVP-120 features 87 digital inputs BACnet MS/TP output to Building Automation System Uses MRS-485 	<p>An adapter used to convert the 4-20mA analog signal from the Macurco 6-Series type detectors to a digital signal for use with multipoint addressable systems and DVP-120M.</p>
Applications	Automobile exhaust, parking garages, forklifts, loading docks, vehicle repair facilities, warehouses, kitchens, laundries, heaters	Methane (NG), Propane (LP), Hydrogen (H ₂), 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 or 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	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.
Mode	Stand Alone or System	Stand Alone or System	Stand Alone or System	Stand Alone or System	Stand Alone or System	Stand Alone or System	Stand Alone or System	Stand Alone or System	System	System	System
Area	5,000 ft ² (465 m ²)	900 ft ² (84 m ²)	5,000 ft ² (465 m ²)	900 ft ² (84 m ²)	900 ft ² (84 m ²)	900 ft ² (84 m ²)	900 ft ² (84 m ²)	5,000 ft ² (465 m ²)	60,000 ft ² (5,580 m ²)	495,000 ft ² (46,035 m ²)	See Sensor
Weight	1 pound (0.45 kg)	1 pound (0.45 kg)	1 pound (0.45 kg)	1 pound (0.45 kg)	1 pound (0.45 kg)	1 pound (0.45 kg)	1 pound (0.45 kg)	1 pound (0.45 kg)	6.5 pounds (2.93 kg)	6.5 pounds (2.93 kg)	0.25 lb. (0.11 kg)
Size	4 1/2 x 4 x 2 1/8 in. (11.4 x 10.2 x 5.4 cm)	4 1/2 x 4 x 2 1/8 in. (11.4 x 10.2 x 5.4 cm)	4 1/2 x 4 x 2 1/8 in. (11.4 x 10.2 x 5.4 cm)	4 1/2 x 4 x 2 1/8 in. (11.4 x 10.2 x 5.4 cm)	4 1/2 x 4 x 2 1/8 in. (11.4 x 10.2 x 5.4 cm)	4 1/2 x 4 x 2 1/8 in. (11.4 x 10.2 x 5.4 cm)	4 1/2 x 4 x 2 1/8 in. (11.4 x 10.2 x 5.4 cm)	4 1/2 x 4 x 2 1/8 in. (11.4 x 10.2 x 5.4 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 5.1 cm)	3.5 x 2 x 1.75 in. (8.9 X 5.1 X 4.4 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	32°F to 122°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	0°F to 125°F (-18°C to 52°C) 10-90% RH Non-Condensing

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Type	Carbon Monoxide	Combustible Gases	Hydrogen Gas	Combustible Gases	CO, H ₂ S or O ₂	Combustible Gases	CO, H ₂ S, O ₂ & LEL	Toxic & O ₂ Gases	Calibration System	Combustible & Toxic Gases	Horn & Strobe
Image											
Product	CM-E1	GD-2B	HD-11	GD-2A	CM-1 HS-1 OX-1	GS-1	MG-1	UNI	Cali Case	EX Series	HS Series
Features	<ul style="list-style-type: none"> Flush mounts over a single-gang box UL Listed, CSFM Designed for connection to Fire Alarm/Burglary Panels Buzzer Test Button Alarm and Trouble Relays 10 Year Sensor 	<ul style="list-style-type: none"> Flush mounts over a single-gang box Alarm: 25% LEL methane and propane Designed for connection to Fire Alarm/Burglary Panels Buzzer Test Button Alarm and Trouble Relays 10 Year Sensor 	<ul style="list-style-type: none"> Flush mounts over a 2-gang box Alarm: 10% LEL hydrogen gas Alarm and Trouble Relays 7-10 Year Sensor 	<ul style="list-style-type: none"> Flush mounts over a 2-gang box Alarm: 25% LEL methane and propane UL Listed, CSFM Flush or Surface Mount Alarm and Trouble Relays 7-10 Year Sensor 	<p>Portable Single-Gas Monitor continuously monitors the ambient environment and notifies the user if the level of the target gas reaches the alarm set point for the monitor. Available in three versions CM-1, HS-1 and OX-1 to monitor either (CO), (H₂S) or (O₂). Class I, Div. I, Groups A, B, C, D</p>	<p>Portable Single-Gas Combustible Gas Monitor continuously monitors the ambient environment and notifies the user if the level of the target gas reaches the alarm set point for the monitor. Alarm Settings: 10% LEL (low), 20% LEL (high) Reading Resolution: 1% LEL, Range: 0-100% LEL, Class I, Div. I, Groups A, B, C, D</p>	<p>Portable Multi-Gas Monitor continuously monitors the ambient environment and notifies the user if the level of the target gas reaches the alarm set point for the monitor. Monitors Carbon Monoxide (CO), Hydrogen Sulfide (H₂S), Oxygen (O₂) & LEL gases. Class I, Div. I, Groups A, B, C, D</p>	<p>Portable Single-Gas Monitor continuously monitors the ambient environment and notifies the user if the level of the target gas reaches the alarm set point for the monitor. 17 sensor options with 24 models available. Easy bump test and calibration with Macurco Cali Case. Class I, Groups A, B, C, D; Class II, Groups, E, F, G; Class III</p>	<ul style="list-style-type: none"> Bump Test / Calibration System for Macurco UNI Monitors Accommodates 1-4 monitors Data Storage No computer required to operate Bump Test in 35 seconds (gas dependent) Calibrate in 95 Seconds (gas dependent) 	<ul style="list-style-type: none"> Explosion proof gas detector 30+ options for combustible, toxic & oxygen gases Electrochemical, catalytic bead or infrared sensor 4-20mA current loop <ul style="list-style-type: none"> DVP-120 compatible NEMA 4X FM 3615, CSA C22.2 No.30 Class I, Groups A, B, C, D; Class II, Groups E, F, G; Class III 	<ul style="list-style-type: none"> Strobe Candela: Adjustable at 15, 30, 75 or 110cd Two adjustable audible tone settings: Continuous / Temporal 4 20ms pulse duration Strobe Flash Rate: 1 Flash/second 5 lens color options: Amber, Blue, Green, Red, Clear
Applications	Homes, offices, schools, businesses, hotels and other commercial environments	Homes, offices, schools, businesses, hotels and other commercial environments	Schools, businesses, battery charging areas, maintenance facilities and renewable energy	Homes, offices, schools, businesses, hotels and other commercial environments	Personal Monitor CO: Boiler rooms, fire stations H ₂ S: Refineries, pulp & paper mills O ₂ : Wastewater plants, hospitals	Personal Monitor, Chemical plants, boiler rooms, fire overhaul, environmental cleanups, hazmat responses	Personal Monitor, Confined spaces, tanks, storage bins, tunnels, boilers, sewers, vaults, storm drains, pipelines	Personal Monitor, Tanks, storage bins, tunnels, boilers, sewers, vaults, storm drains, pipelines, crawl spaces	For use with the Macurco UNI Single-Gas Monitors	Areas where explosive concentrations of vapors may exist. Hazardous (classified) locations	For use with the Macurco Fixed 6-Series Detectors, DVP-120/ DVP-120M
Area	900 ft ² (84 m ²)	900 ft ² (84 m ²)	900 ft ² (84 m ²)	900 ft ² (84 m ²)	NA	NA	NA	NA	NA	900 ft ² (84 m ²)	NA
Weight	1 pound (0.45 kg)	1 pound (0.45 kg)	1 pound (0.45 kg)	1 pound (0.45 kg)	4.1 oz. (115 g)	4.9 oz. (138 g)	9.9 oz. (282 g)	4.4 oz. (125 g)	320 oz. (9072 g)	4.2 lb. (1.95 kg)	1 pound (0.45 kg)
Power	1.1W (max) from 9-32VDC	1.6W (max) from 9-32VDC	1.6W (max) from 12-24VAC or VDC	1.6W (max) from 12-24VAC or VDC	Non-rechargeable 3.6V Lithium battery	Rechargeable Lithium battery 12 hour min runtime	Rechargeable Li-ion. Up to 18 hour runtime; 5.5 hour recharge	Replaceable Lithium battery	110V	Input voltage: 24 VDC nominal: 18-30VDC	Input voltage: 24 VDC nominal: 16-32VDC
Size	3 1/8 x 5 1/8 x 1 1/2 in. (7.94 x 13.02 x 3.81 cm)	3 1/8 x 5 1/8 x 1 1/2 in. (7.94 x 13.02 x 3.81 cm)	4 1/2 X 5 X 1 5/8 in. (11.4 x 12.7 x 4.1 cm)	4 1/2 X 5 X 1 5/8 in. (11.4 x 12.7 x 4.1 cm)	3.2 x 2.0 x 1.2 in. (8.1 x 5.1 x 3.1 cm)	3.5 x 1.9 x .95 in. (9.0 x 4.8 x 2.4 cm)	5.3 x 3.1 x 1.4 in. (13.5 x 8.0 x 3.5 cm)	3.5 x 2.4 x 1.3 in. (8.8 x 6.2 x 3.3 cm)	22 x 14.1 x 7.3 in. (55.6 x 35.8 x 18.5 cm)	5.7 x 7.5 x 5.1 in. (14.5 x 19.1 x 13 cm)	5.5 x 4.8 x 2 in. (14 x 12 x 5 cm)
Environment	40°F to 100° F (4°C to 37.8°C)	32°F to 120° F (0°C to 49°C)	32°F to 120°F (0°C to 49°C)	32°F to 120°F (0°C to 49°C)	4°F to 122°F (-20°C to 50°C) 15-90% RH Non-Condensing	-4°F to 149°F (-20°C to 65°C) 20-90% RH Non-Condensing	-4°F to 131°F (-20°C to 55°C) 10-95% RH Non-Condensing	-4°F to 122°F (-20°C to 50°C) 5-95% RH Non-Condensing	-4°F to 122°F (-20°C to 50°C) 5-95% RH Non-Condensing	-40° to 158° F (-40° to 70°C) 5-95% RH Non-Condensing	32°F to 120°F (0°C to 49°C). 10-93% RH