400 GD

MULTI - FUNCTIONAL GAS DETECTOR

HC400

16
[ppm]

max. 20

10

0

max:0

GAS DETECTOR
400GD

MRU®
AIRfair

CH4

C3H8

H2

CO2

CO

RH

RF

°F

IAQ

MRU®
since 1984®
AIRfair

EMISSION MONITORING SYSTEMS

Over 30 years of innovative gas analysis!

- MANY available sensors
- Sensor exchange during operation
- Adjustable alarm threshold
- Graphic color display
- Acoustical, optical and vibration alerts
- Rugged and very compact

GAS DETECTOR 400GD

Multi-sensor Detector/Meter

Interchangeable sensors: Natural gas, propane, refrigerants, CO, CO2, IAQ, moisture, or temperature

WITH KEY FEATURES

- **>>** Interchangeable sensors
- **>>** Fast 30 second start-up
- **>>** Brilliant, graphic display
- **>>** Adjustable alarms
- **>>** Audible, visual, and vibration alerts
- **>>** Long-life, re-chargeable Lithium-ion battery
- **>>** Compact, rugged construction

Leak detection refrigerant (RF sensor)	
Ref.-refrigerant	R134a, R22, R32, R410a, R1234Ze and others
Detect. Refrigerant	FCKW, H7CKW, FKW, H7KW, HFO
Measuring range	0 … 1,000 ppm
Resolution	1 ppm
Detection limit	3 g / year
Response time	< 3 sec.

Measuring ranges HC-Sensors:	Description	Range	Resolution	Response time
	CH4 -Sensor	0 … 44,000 ppm	1ppm	< 5 sec.
	C3H8 - Sensor	0 … 17,000 ppm	1ppm	< 5 sec.
	H2 - Sensor	0 … 40,000 ppm	1ppm	< 5 sec.

Measuring ranges CO-Sensors:		0 … 1,000 ppm	1ppm	< 30 sec.

Measuring ranges CO2-Sensors:		400 … 10,000 ppm	1ppm	90 sec.

Measuring range stack moisture sensor:	Description	Range	Resolution	Response time
	RM-sensor	0 … 100	1	< 1 sec.

Indoor Air Quality (IAQ-sensor)	Criteria	Range	Resolution
	Humidity	0 … 100 % RH	0.1%
	Temperature	0 … + 60 °C	0.1 °C
	Barometric pressure	300 … 1.100 hPa	0.1 hPa
	Dew point	calculated from humidity and temperature	

Temperature (IR-sensor)	Description	Range	Resolution
	IR-sensor	-94 … 716°F (– 70 … + 380 °C)	0.1 °C

Gas Detector 400GD, basic unit	
Operating temperature	41°F … 122°F (+ 5 °C … + 50 °C)
Rel. humidity during operation, non-condensing	95%
Storage temperature	– 4°F … 140°F (– 20 °C … + 60 °C)
Built-in battery, operating time (depending on sensor)	Li-Ion, typ. 20 h
Power supply	100-240 V / 5 V DC / 500 mA
Interface (Charging/Firmware updates)	Mini-USB port
Dimensions (housing):	5.31" x 1.97" x 0.98" (Length: 135 mm; Width: 50 mm; Depth: 25 mm)
Dimensions (sensor neck):	Length: 9.84" (250 mm)
Protection class	IP30
Weight:	approx. 8 ounces (without sensor) (230g)

Data subject to change without notice

Support and sales by:

MRU ®
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since 1984
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