

Multi-Gas Detectors

Oxygen/Combustible Gas/Hydrogen Sulfide/Carbon Monoxide

XP-302M

Type of Gas Detected			Detection Principle		
					
Combustible gas	Oxygen concentration	Toxic gas	Catalytic combustion sensor	Galvanic cell sensor	Electrochemical cell sensor



Features

- Compact and Lightweight.
- Large, bright display with auto-backlight.
- 4 gas simultaneous gas display.

Specifications

Model	XP-302M			
Gases detected	Combustible Gas (Methane)	Oxygen	Hydrogen Sulfide	Carbon Monoxide
Detection Principle	Catalytic combustion	Galvanic cell	Electrochemical cell	Electrochemical cell
Gas sampling method	Sample-draw by internal electric sampling pump			
Measuring range (Service range)	0-100%LEL	0-25.0vol% (25.1-50.0vol%)	0-30.0ppm (30.1-150ppm)	0-150ppm (151-300ppm)
Accuracy (Repeatability)*1	< ±5%LEL	< ±0.5vol%	< ±1.5ppm	< ±10ppm to 100ppm < ±15ppm to 150ppm
Alarm set points	Level 1 Level 2	10%LEL 30%LEL	19.5vol% 18.0vol%	10.0ppm 15.0ppm
Response time*2	with a 1m sampling hose with an 8m sampling hose	< 25 sec. < 40 sec.	< 20 sec. < 30 sec.	< 30 sec.
Operating temperature & humidity	-10 to 40°C, 95% RH (non-condensing)			
Battery type	4 × AA Alkaline			
Display	A large LCD with backlight provides simultaneous and continuous readout of all gases being monitored. 3 user-selectable display modes (standard display / graphic display / English display).			
Alarms	90+ dB buzzer, flashing LCD and warning lamp			
Operating hours*3	8+ hours on 4 × AA alkaline cells (20°C, no alarm, no backlight and datalogging OFF)			
Safety design	Intrinsically safe design Exib II BT3			
Functions	•Automatic backlight (in dim light or alarm condition) •Zero adjustment •Peak hold •Buzzer control •Low flow alarm •Datalogging function (up to 150 hours) •Buzzer stop •Alarm test •Display of remaining battery level, current time and temperature			
Dimensions	Approx. W152 × H152 × D42 mm			
Weight	Approx. 870g			
Standard accessories	XP-302M-□-1♦	1m sampling hose (Probe with filter/moisture trap, Spare filters) Soft case		
	XP-302M-□-2♦	8m sampling hose (with float), Soft case and carrying case		
	XP-302M-□-3♦	Aluminum case*4, 8m sampling hose (with float), An external alarm (with 8m cable) and AC adaptor		
	XP-302M-□-4♦	Aluminum case*4, 8m sampling hose with hose reel (with float), An external alarm with a cable reel (with 8m cable) and AC adaptor		
Optional Accessories*5		•Log data download software (for Windows 2000 or XP)		
		•20m sampling hose for float		
		•30m sampling hose for float		

* 1 Under identical conditions * 2 T90 * 3 It depends on the environmental conditions, service conditions, storage period, and battery manufacturers
* 4 Non explosion-proof type * 5 Please contact our dealers / distributors for available accessories

Ordering information

Model	Specification code
XP-302M-□-□	Choose one from A - C Choose one from 1 - 4
A	4 gases (Combustible, Oxygen, Hydrogen sulfide, Carbon monoxide)
B	3 gases (Combustible, Oxygen, Hydrogen sulfide)
C	3 gases (Combustible, Oxygen, Carbon monoxide)

※ Combustible : Methane

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Cosmos Distributor:

Minerva Industrial & Trading Pte Ltd

T : 6848 5155 E: sales@minerva-intra.com W: www.minerva-intra.com.sg