

XP-316/316A

Type of Gas Detected Detection Principle



Combustible gas



Catalytic combustion sensor



Features

- High sensitivity detector with 0-500ppm measuring range (standard).
- Best suited for measuring toxic and combustible vapors. (Please specify gas to be detected.)
- Suitable for detecting combustible gases in typical factories.

Specifications

Model	XP-316	XP-316A (with alarm function)
Gas Detected	LPG, Manufactured gas, Other combustible gases and vapors (Methane, 13A and the like are specified separately.) * Please specify gas to be detected.	
Detection Principle	Catalytic combustion	
Sampling Method	Extractive	
Detection Range	(L Range) 0-500/ (H Range) 0-5000ppm (L Range) 0-1000/ (H Range) 0-10000ppm (Consult us as for range specification and the type of gas.)	
Indication Accuracy *1	H Range: ±5% of full scale L Range: ±10% of full scale	
Alarm Set Value	-	250ppm 0.05vol% (standard specification)
Alarm Indication	-	Gas alarm (flashing lamp, intermittent buzzer) Low battery (continuous buzzer)
Operating Temperature	0 to 40°C	
Power Source	4× AA (R6) manganese dry cells	
Battery Life *2	Approx. 10 continuous hours by alkaline dry cells (without meter illumination and alarm; Approx. 6 hours for methane specification)	
Explosion-Proof Structure	Intrinsic safety/Flameproof id2G3	
Dimensions	W84 × H190 × D40mm	
Weight	Approx. 700g	
Built-in circuit	Meter illumination	
Standard Accessories	Soft case, 4× AA (R6) manganese dry cells, Gas sampling hose (1m), Probe with filter/moisture trap, Spare filters	
Optional Accessories	Gas sampling hose, Sampling float, Output connector, Mixer, External alarm unit	



Type approved by ClassNK (NK) No.87T609
UL classified (Designation required)

*1 Under identical conditions. *2 Battery life may vary with ambient conditions, conditions of use, storage period, battery manufacturers, etc.