

**HOCHIKI****YF-417D**

LP Gas Sensor

**Specification**

<b>Model</b>	YF-417D	
<b>Target Gas</b>	LPG	
<b>Detection Principle</b>	Contact Combustion Type Gas Sensor	
<b>Operating Temperature Range</b>	-10°C to 40°C (Non-condensation)	
<b>Gas Density For Detection</b>	Alarm Lamp (LED: Red)	
<b>Alarm Method</b>	Less than 1/4 of lower limit for gas explosion Immediate Alarm Automatic Reset Buzzer Alarm (Electric Buzzer more than 70 dB/m)	
<b>Power Supply</b>	DC 24 V (Operating voltage range DC 17 - 40 V)	
<b>Power Consumption</b>	During monitoring: Approx. 0.8 W, During alarm: Approx. 0.9 W	
<b>Built-in Circuit</b>	Muting circuit enabled at power-on (Approx. 40 seconds) Alarm time-lag circuit (Approx. 25 seconds) Bridge Circuit External Output Signal Short Protection Circuit Gas Sensor Failure Monitor Circuit Electrical Circuit Failure Monitor Function	
<b>External Output</b>	<b>Connection Method</b>	Rotate to Hook to Mounting Base
	<b>Output Signal</b>	Two-step voltage two wire type Monitoring DC 6 V (DC 5 ~ 7 V) During alarm DC 12 V (DC 10~24 V) Power Off or Trouble 0 V (Within DC 3 V)
<b>External Dimensions</b>	φ120×32 (mm)	
<b>Weight</b>	Approx. 140 g	
<b>Mounting Base</b>	SH5910 (Panasonic)	

(Made by YAZAKI Energy System Corporation)

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