

QM-ZSD-01E Gas Release Indicator

User Manual



1. General description

The QM-ZSD-01E is the releasing interface which can be connected with Agent Releasing Control System or Starter, and is applied in conspicuous place of exit or entrance. When the Agent Releasing Control System is activated, The QM-ZSD-01E will show “DON’ T ENTER WHILE RELEASING GAS” and alarm at the same time.

2. Specifications

1) Working environment:

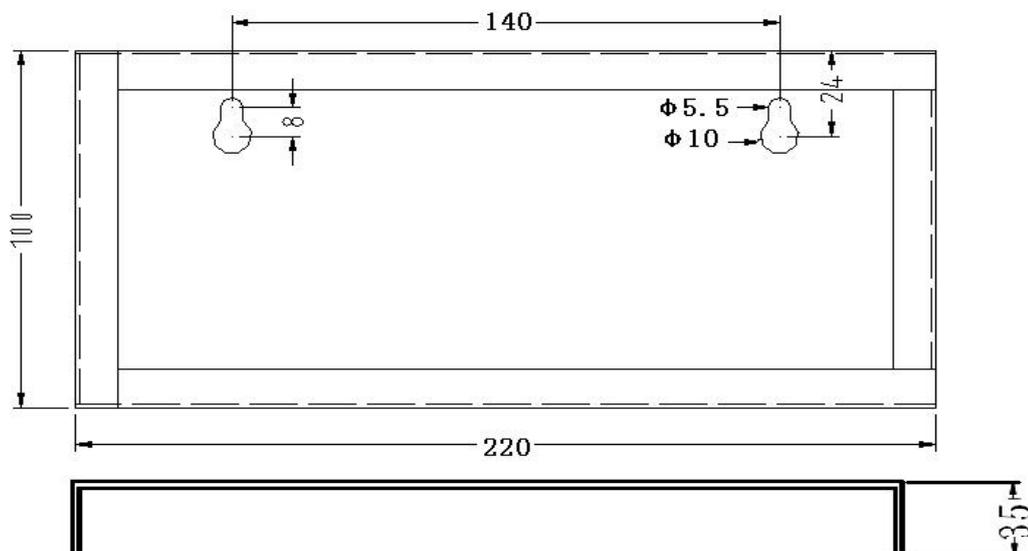
Temperature: $-10^{\circ}\text{C}\sim+55^{\circ}\text{C}$ Humidity: $\leq 95\%$ ($40^{\circ}\text{C} \pm 2^{\circ}\text{C}$, no condensation)

2) Working voltage: DC18V~24V

3) trigger current: $\leq 150\text{mA}$

3. Instructions

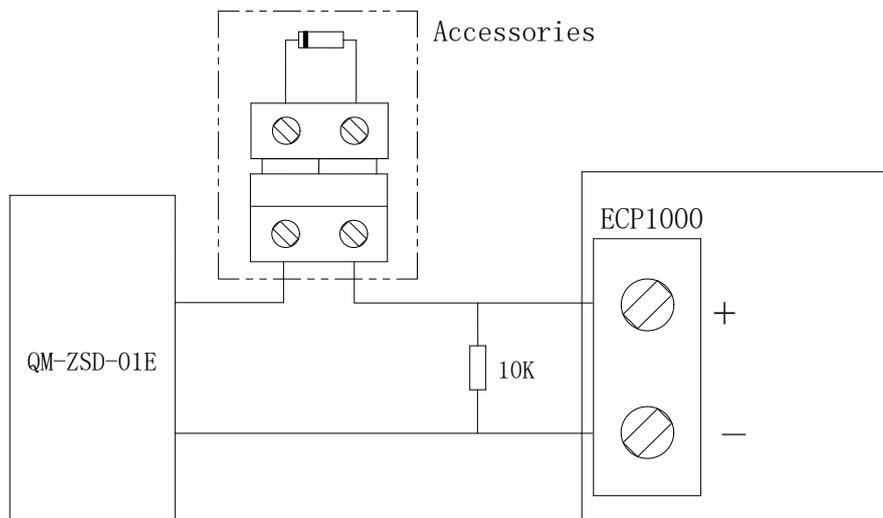
1) Dimension (mm):



2) Connection: Two non-polarized input

4. Equipment installation and instructions

- 1) Do not use the gas release indicators in such environment: condensation, high temperature, greasy, humid or erosive environment.
- 2) Do not mount or debug the indicators without professional direction; do not applying power until you are sure it is correctly wired.
- 3) Please cut off power immediately when there is any abnormality. Apply power after troubleshooting.
- 4) When there are problems beyond your capability in the indicators, do not disassemble or repair it by you. Please contact our authorized agent or our customer service as soon as possible.
- 5) The following figure shows the wiring diagram when the product is connected with ECP1000 Gas Extinguishing Control Panel .



5. Symbolic Definitions

Symbols	Description
	<p>Indicates a hazard with a high level of risk of death or serious injury if not avoided.</p>
	<p>Indicates a hazard with a medium level of risk that could result in death or serious injury if not avoided.</p>
	<p>Indicates a hazard with a low level of risk that could result in minor or moderate injury if not avoided.</p>
	<p>Used to send warning messages of the equipment or environmental safety. Failure to avoid this may result in equipment damage, data loss, reduced device performance, or other unpredictable results.</p> <p>"Notice" does not involve personal injury.</p>
	<p>Additional explanation of key information in the text.</p> <p>"Description" is not a safety warning message, and does not involve personal, equipment or environmental injury information.</p>

6. Maintenance and Troubleshooting

6.1. Maintenance

Periodic maintenance should be carried out on the system as prescribed in the local design, maintenance and installation regulations.

6.2. Troubleshooting

Solution of all suspected faults MUST only be carried out by suitably qualified technical engineers.

✧ **Problem:** apply power to the indicator but the LEDs or Buzzer do not work.

Possible reason and solution: check whether the cable is properly connected ; Check whether the diode is assembled correctly, otherwise something is wrong with the circuit board that the manufacturer should be informed.

✧ **Problem:** the buzzer rings in the quiescent state.

Possible reason and solution : check whether the diode is assembled correctly, otherwise something is wrong with the circuit board that the manufacturer should be informed.



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