



Monitor LPG in real time and alarm if concentration exceeds 5% LEL.



Response time less than 30 seconds. Alarm sound pressure > 85db.



Wireless communication module controls the valve's closing. LoRaWAN wireless transmitter to the leak detector and use a single chip microcomputer for controlling.



Quick and easy to install



Features:

Propane Detection:

1. Monitor propane in real time and alarm if the content ratio exceeds 5%LEL.
2. Response time ≤ 30 seconds.
3. Detected gas type : Propane

Alarm Sound:

1. Alarm sound pressure: > 85db.
2. When the concentration of propane is detected to exceed set value, the alarm tone is triggered.
3. Alarm continuously until the concentration of propane is lower than the set value.

Valve Control:

1. Wireless communication module controls the valve's closing.
2. Communication distance is around 2KM around the LoRaWAN gateway.
3. If the concentration of propane gas meter is detected to exceed set value, start to close the valve.

LED Function:

1. Normal working - green.
2. Alarm - Red.

Valve Linkage Control:

1. Add a LoRaWAN wireless receiving controller to the gas meter and use a single chip microcomputer to control the valve.
2. Add a LoRaWAN wireless transmitter to the leak detector and use a single chip microcomputer for controlling.