

GAS SENSORS : TYPE GU50A72

FREON DETECTOR UNIT

DESCRIPTION:

Freon gas sensor and meter indicator

FEATURES:

- Both battery and AC adapter (9V d.c.) available
- Withstands chlorine incorporating freons such as R12 and R22.
- Typical applications include detection of R-134a leakage

DATA:

Operating conditions:

Operating atmosphere +5 to +45°C
 10 to 90% RH (without condensation)
 In fresh air

Storage atmosphere 0 to +55°C
 10 to 90% RH (without condensation)

Power source Battery (AA) x 6
 or AC adapter (9V d.c., 300mA)

Target gas R134-a

Alarm response Within 2 seconds (*)

Low battery indicator .. Red when voltage less
 than $6.7 \pm 0.3V$

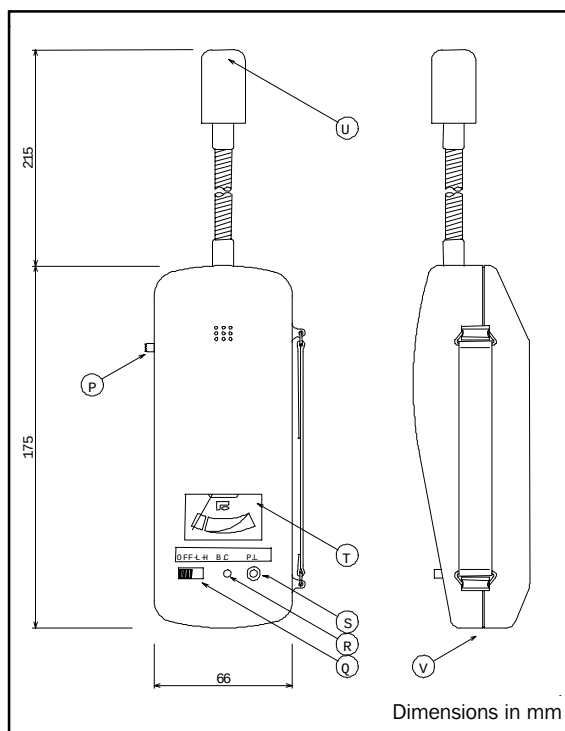
(*) Test condition

CAUTION:

- This detector is guaranteed for detecting R-134a.
- Do not use in the presence of flammable gases. Sensor operates at 300°C.
- Do not use this detector for detecting more than 2% volume of chlorine - including freon.
- The alarm will sound continuously until the sensor is removed from the leak point.
- Do not use in an atmosphere where the detector may be exposed to silicone based vapours or sprays. These vapours can harm the sensor.
- Keep this detector free from organic solvent and/or exhaust gas.



DIMENSIONS:



- P - Power switch
 Q - Sensitivity switch (High/Low)
 R - Battery indicator (RED when low)
 S - Alarm LED (Green: normal, RED: gas detected)
 T - Meter indicator
 U - Sensor
 V - Jack for ac adapter plug

Data sheet D-GU50A72-1

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