TS12CC1R

Carbon Monoxide Gas Leak Detector

(Family-Gas)

Product Description:

TS12CC1R is a TrueSafe carbon monoxide gas leak detector. It is ideally suitable for applications where additional safety is required. The detector is positioned in such a way that it detects gas leakage the moment it occurs. Output of the detector is PFC relay.

Applications:

- Hotel
- Car parking
- Theater
- Mall

USPs:

- Make in India product
- Dustproof & water splash proof IP65 enclosure
- CE certified
- 3 years sensor life

Product Features:

- Replaceable filter
- Semi-conductor type sensor
- No calibration required



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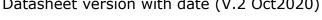
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Technical Specification

| Detection method | Natural diffusion |
|-----------------------------------|---|
| Gases detected | Carbon monoxide |
| Gas Sensor Type | Semi-conductor |
| Sensor life span | 2-3 years |
| Display | Analog |
| Response time | Less than 2 second |
| Electrical specifications | |
| Power supply | 12 V DC / 50Hz |
| Power consumption | 2 W max. |
| Detection level | 30 ppm after 120 min, |
| | 50 ppm - 60ppm to 90 min |
| | 100 ppm-10ppm to 40min |
| | 300 ppm < 3 minutes |
| Environmental specifications | |
| Working temperature | 0°C to 50°C |
| Humidity | 0 to 95% Rh |
| Mechanical specifications | |
| Protection class | IP 65 |
| Cabinet material | Polycarbonate |
| Cable entry | Thermoplastic cable gland |
| Dimensions | 121 x 81 x 60 mm (H x W x D) |
| Mounting | Wall mounting/ Stand mounting |
| Weight | Approx. 250 g. |
| LED indications and output signal | |
| Output | PFC relay, |
| | Bar-graph LED, |
| Output optional | RS-485 |
| | Accessories with unit |
| | TS230CC1R unit |
| | 5 Replaceable filters for sensors |
| | Mounting screws |
| | User manual |
| Abbreviations | |
| TS12CC1R | TS-TrueSafe, |
| | 12-Operated on 12V DC, |
| | C- Commercial, |
| | C-Carbone Monoxide Gas, R- PFC relay NO/NC |
| | Datasheet version with date (V.2 Oct2020) |



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