

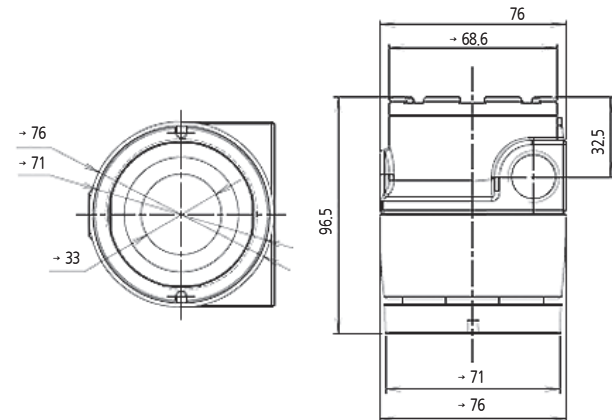
GTF-1100T Triple IR Flame Detector

| Detection distance: 50m | Viewing angle: Vertical 100°, Horizontal 100° | Automatic & manual self-diagnosis function | interface - Relay contact output (fire & breakdown) - RS-485 communication - 0 ~ 20mA output | Indicators | Status LED (Bi-Color: RED & GREEN), Alarm LED (RED) |

IMAGE



DIMENSION (Unit : mm)



ACCESSORIES



Cable Gland



Mounting Bracket



Weather Proof Cover

SPECIFICATION

※ Specifications are subject to be changed without prior notice.

| GTF - 1100T | |
|------------------------|--|
| Wavelengths | 3.8 - 5.5μm(IR) |
| Detection Distance | 50m (0.1 m ² n-Heptane pan fire) / KFI 60m (0.1 m ² n-Heptane pan fire) / FM |
| Field of View | Horizontal : 100° Vertical : 100° |
| Typical Response Time | Typical 5sec. (0.1 m ² n-Heptane pan fire @ 50m) |
| Indicator | Status LED(Bi-Color : Red & Green) / Alarm LED(Green) |
| Output | 0-20mA Analog Current Output Alarm Relay 1, Trouble Relay 1 (SPDT 1A at 30VDC or 0.3A at 125VAC, resistive load) RS-485 Interface (MODBUS RTU) |
| Power Consumption | Stand by (Without B.I.T.) 1.3W @32VDC / 1.2W @24VDC / 1.1W @18VDC Stand by (With B.I.T.) 2.4W @32VDC / 2.3W @24VDC / 2.2W @18VDC Alarm 1.4W @32VDC / 1.3W @24VDC / 1.2W @18VDC |
| Housing Material | ALDC12 or SUS316 |
| Dimension | 76(W) x 76(H) x 96.5(D) mm |
| Weight (Detector Only) | ALDC12 : App. 0.7kg SUS316 : App. 1.7kg |
| Wiring Specifications | CVWSB with shield 0.75SQ * 10C (KFI certified products only) |
| Ambient Temperature | KCs : T6 = -50°C ≤ Ta ≤ 60°C, T5 = -50°C ≤ Ta ≤ 75°C, T4 = -50°C ≤ Ta ≤ 85°C FM : T6 = -40°C ≤ Ta ≤ 60°C, T5 = -40°C ≤ Ta ≤ 75°C |
| Operation Temperature | -40°C ~ 75°C |
| Storage Temperature | -50°C ~ 80°C |
| Operation Humidity | Up to 95% RH (Non-condensing) |
| CERTIFICATION | |
| KCs | Ex d IIC T6, T5, T4 FM(Performance) FM 3260 |
| FM(Explosion proof) | Class I, Divisions 1, 2 Groups A, B, C, D T6, T5, T4, Class II, Divisions 1, 2 Groups E, F, G T6, T5, T4, Class III |
| CE / KFI | Refer to website |