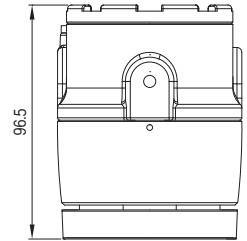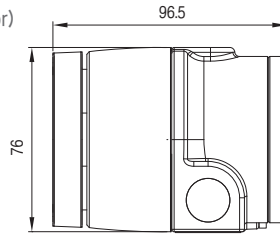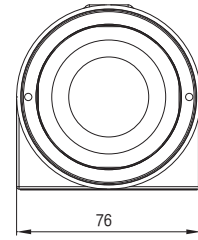**GASTRON**
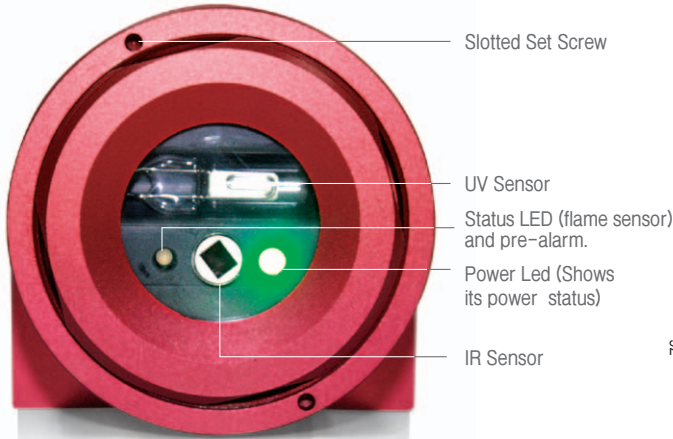
UV/IR Flame Detector

GTF-1000

Feature

▷ Fast response with high sensitive UV and IR sensor

▷ 4 Selectable Sensitivity can be adjusted by a switch, alarm, setting.

▷ RS-485 Communication, 4-20mA output signal.(Switch can adjust Address)

▷ Contact output of Fire Alarm and Fault Alarm through Relay

▷ O.C(Open Collector) with 24V and 10mA output

▷ Switch activates Latch function

General

- Slotted Set Screw
- UV Sensor
- Status LED (flame sensor) and pre-alarm.
- Power Led (Shows its power status)
- IR Sensor

Dimension (Unit:mm)

76

96.5

76

96.5

Accessories

RS-485 module

Cable gland

Specification

※Specifications are subject to be changed without prior notice.

	UV/IR FLAME DETECTOR
Wave Lengths	185 to 260nm(UV) / 4.35um(IR)
Detection Distance	n-Heptane(25m)
Field of View	90° max. conical
Typical Response Time	< 3sec @ 25m(n-Heptane)
Response Time	200 ms
Approval	Ex d II C T4, T5, T6
Temperature Range	-10℃ to + 50℃
Humidity Range	0 to 100% RH, non-condensing
Status Indicator	4 - 20mA DC / RS-485 Modbus / Alarm LED / Power LED
RS-485 Output (Option)	Modbus Protocol Address : 1 to 63 (Dip switch Selectable)
Relay Output	SPDT Relay contact (3A at 30Vdc or 5A at 250Vac) Alarm, Fault
Open collector Output	+24V signal output Normal status : Normally +24Vdc, Alarm status: 0V
Operating Voltage	Standard : 19.2 ~ 28.8V DC (24V DC normal) / 40mA Max. 18 ~31V DC (24V DC normal) / 280mA Max.
Power Consumption	Normal : 40mA Alarm : 50mA
Signal Cable CONnectiON	Standard type : (CVVS or CVVSB 1.5sq ↑)+Shield PoE type : RJ45 Ethernet Cable
Conduct Connection	1/2" PF, NPT(1/2" PF Standard)
Weight	Standard type : 0.7 kg
Dimensions	Standard type : 76(W) × 76(H) × 96.5(D) mm