

# C7076A

## Adjustable Sensitivity Ultraviolet Flame Detector

The C7076A is a solid-state, dynamic, self-checking flame detector for use with flame safeguard primary safety controls requiring adjustable sensitivity ultraviolet flame detection.

It detects ultraviolet radiation from all flames and includes dual sensitivity adjustment.



### Specifications

Power	100Vac, 50/60Hz
Power consumption	7W
Shutter voltage	100Vac
Self-checking shutter	1 to 2 cycles/s
Protectorelay	R4332B, R7476A
Ambient temperature	-40 to +71°C
Sensitivity adjustment range	400 to 1
Sensitivity selection	Select the setting of sensitivity control, either A or B
Allowable pressure	140kPa
Mass	Approx. 2.8kg
Mounting	1 NPT pipe connection
Approval bodies	FM, IRI, CSA, UL

### Selection Guide

Model No.	Description
<b>C7076A1015</b>	Adjustable sensitivity ultraviolet flame detector
<b>191053</b>	Ultraviolet sensing tube . . . . . (Replacement part)
<b>191050</b>	Quartz viewing window glass (rated for 140kPa) . . . . . (Replacement part)
<b>190971F</b>	Shutter assembly (for 10Vac model) . . . . . (Replacement part)

### Dimensions

(Unit: mm)

