

C7076A

Adjustable Sensitivity Ultraviolet Flame Detector

The C7076A is a solid state, dynamic, self-check 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 supply	100Vac, 50/60Hz
Power consumption	7W
Shutter voltage	100Vac
Self-checking shutter	1 to 2 cycles/s
Protectorelay	R4075C/R7476A, R4332, RM7800
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
Weight	Approx. 2.8kg
Mounting	1 NPT pipe connection
Approval bodies	UL, FM, CSA

Selection Guide

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

Dimensions (unit:mm)

