

C7012A, E

Solid State Purple Peeper Ultraviolet Flame Detectors

The C7012A, E are solid state electronic flame detectors for use with combustion controls and amplifiers.

These detectors sense ultraviolet radiation produced by combustion of gas, oil, coal or other fuels.



Specifications

Lead length	Approx. 240cm
Allowable pressure	140kPa
Weight	1.9kg
Structure	NEMA 4 splash-proof
Mounting	3/4- 14NPT pipe connection
Approval bodies	UL, FM, CSA

Selection Guide

Model No.	Power supply (50/60Hz)	Power consumption	Self-checking shutter	Ambient temperature	Protectorelay
C7012A1202	100Vac	2.5W	-	-4 to +79.5°C	R485B, R4150P/R7257A, RA890F, WN200A/R7257A, WN210A/R7257A
C7012A1210	120Vac				
C7012A1186	208Vac	7.0W	1 to 2 cycles/s	-29 to +79.5°C	R4075C, R4332A/B, R4334A
C7012E1211	100Vac				
C7012E1245	120Vac				
C7012E1146	208Vac				
113228J	Ultraviolet sensing tube (Replacement part)				
114372	Quartz viewing window glass (rated for 140kPa {1.4kg/cm ² }) (Replacement part)				
122748	Quartz viewing window glass (rated for 340kPa {3.5kg/cm ² }) (Replacement part)				
190971C (100V)	Shutter assembly (for C7012E) (Replacement part)				
190971B (120V)					

Dimensions

(unit:mm)

