XP95 Marine Flame Detector (UV/IR2) – Base Mounted

Part No.	55000-028MAR
Manufacturer	Apollo

Image not provided

Summary

The XP95 Marine Flame Detector (UV/IR2) is designed to protect open indoor areas where open flaming fires may be expected. The detector has a UV and dual IR sensors responding to different wavelengths in order to discriminate between flames and spurious sources of radiation. Responds to stationary flames with no flicker Sensitive to low-frequency flickering IR radiation emitted by flames during combustion Compact flame detector which fits into Discovery Marine bases Loop-powered False alarms due to factors such as flickering sunlight are avoided by a combination of filters and signal processing techniques

Specifications

Manufacturer approvals / certifications	LR	Chamber type	Chevron	Field of view	90°
Humidity	0% to 95% (no condensation or icing)	Humidity (max)	95%, RH	Humidity (min)	0%, RH
Humidity Note	no condensation or icing	IP rating Value	IP66	Maximum power-up time	4 seconds
Operating temperature (max)	70°C	Operating temperature (max)	158°F	Operating temperature (min)	-40°C
Operating temperature (min)	-40°F	Power-up surge current	9mA	Protocol voltage	5 to 9V peak to peak
Protocol voltage (max)	9V	Protocol voltage (min)	5V	Range of view (at 25m)	0.1m² n-heptane
Sensing window material	Quartz	Sensing window thickness	2mm	Sensitivity	High-Class 1, Low-Class 3
Spectral response (max) – IR	2.7µm	Spectral response (min) – IR	0.75µm	Spectral response – IR	0.75 to 2.7µm
Storage temperature	-40 to 70°C	Storage temperature (max)	70°C	Storage temperature (min)	-40°C
Supply voltage (Vmin-Vmax)	17 to 28V dc	Supply voltage (max)	28V dc	Supply voltage (min)	17V dc
colour	White	materials housing	Polycarbonate	materials terminals	Nickel plated stainless steel
operating temperature	-40 to 70°C	operating temperature	-40 to 158°F	quiescent current	2500µA
standards	EN 54-10	warranty	3 year	Dimensions — depth	40mm
Dimensions — depth	1.57in	Dimensions — diameter	100mm	Dimensions — diameter	3.94in
Weight —	150g				