XP95 Marine Flame Detector (IR3) – Base Mounted

Part No.	55000-029MAR
Manufacturer	Apollo

Image not provided

Summary

The XP95 Marine Flame Detector (IR3) is designed to protect all indoor areas, even in dirty or smoky conditions where open flaming fires may be expected. The detector has three IR sensors that respond to different IR 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 mounting 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	KRS	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	Float glass	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				