XP95 Multi-Sensor Detector (Optical/Heat)

Part No.	55000-885APO
Manufacturer	Apollo

Image not provided

Summary
The XP95 Multi-Sensor Detector combines independent optical smoke and temperature sensors for better fire detection in areas with deceptive phenomena. Reliable fire detection in areas with a wide temperature range from -20°C to +60°C Well suited to environments such as hotel bedrooms, warehouses and loading docks Unaffected by wind and atmospheric pressure Alternative to Ionisation detectors

Specifications

Manufacturer approvals / certifications	BOSEC	Manufacturer approvals / certifications	KRS	Manufacturer approvals / certifications	SBSC
Manufacturer approvals / certifications	VdS	Manufacturer approvals / certifications	LPCB	Manufacturer approvals / certifications	CPR
Manufacturer approvals / certifications	UL	Analogue value	23 +4/-0	Chamber type	Chevron
Heat classification	A1R	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	IP44
Maximum power-up time	10 seconds	Operating temperature (max)	60°C	Operating temperature (max)	140°F
Operating temperature (min)	-20°C	Operating temperature (min)	-4°F	Polarity	L1 &, L2 are polarity insensitive
Power-up surge current	1mA	Product height (wo/base)	50mm	Protocol voltage	5 to 9V peak to peak
Protocol voltage (max)	9V	Protocol voltage (min)	5V	Storage temperature	-30 to 80°C
Storage temperature (max)	80°C	Storage temperature (min)	-30°C	Supply voltage (Vmin-Vmax)	17 to 28V dc
Supply voltage (max)	28V dc	Supply voltage (min)	17V dc	Terminal functions +R	+R, Remote indicator positive connection
Terminal functions -R	-R, Remote indicator negative connection	analogue value negative tolerance	0	analogue value nominal	23
analogue value positive tolerance	4	applications	Bedrooms, Hotels, Medium to large buildings, Offices, Retail, Restaurants	colour	White
detection principle	Photo-electric light scattering.	fire type	Fast and slow burning fires	materials housing	Polycarbonate
materials terminals	Nickel plated stainless steel	operating temperature	-20 to 60°C	operating temperature	-4 to 140°F
quiescent current	500µA	sensor configuration	Horizontal optical bench housing infra-red emitter and sensor, arranged radially to detect forward scattered light.	standards	EN 54-7
warranty	10 year	Dimensions — diameter	100mm	Dimensions — diameter	3.94in
Dimensions — length	50mm	Dimensions — length	1.97in	Weight —	105g