XP95 Heat Detector (A2S)

Part No.	55000-420APO
Manufacturer	Apollo

Image not provided

Summary
The XP95 Heat Detector (A2S) monitors temperature by using a single thermistor which provides a count output proportional to the external air temperature, reporting an alarm at 55°C. Reliable fire detection in areas with a wide temperature range from -20°C to +70°C Ideal for environments that are dirty or smoky under normal circumstances Unaffected by wind and atmospheric pressure

Specifications

Manufacturer approvals / certifications	VdS	Manufacturer approvals / certifications	BOSEC	Manufacturer approvals / certifications	CCCf
Manufacturer approvals / certifications	CPR	Manufacturer approvals / certifications	FG	Manufacturer approvals / certifications	SBSC
Manufacturer approvals / certifications	LPCB	Alarm level analogue value	55	Analogue value	25 +2/-2
Battery powered	No	Heat classification	A2S	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	IP53	Maximum power-up time	4 seconds	Operating temperature (max)	70°C
Operating temperature (max)	158°F	Operating temperature (min)	-20°C	Operating temperature (min)	-4°F
Polarity	L1 &, L2 are polarity insensitive	Power-up surge current	1mA	Protocol voltage	5 to 9V peak to peak
Protocol voltage (max)	9V	Protocol voltage (min)	5V	Quiescent current tested at	24V dc
Status indicator – Alarm	Red	Status indicator – Fault	Off	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	Terminal functions L1 in	-L1 in Loop in & out, double terminal	Terminal functions L2	+L2 Loop in & out positive, double terminal
analogue value negative tolerance	2	analogue value nominal	25	analogue value positive tolerance	2
applications	Car parks/loading bays, Dusty environments, Warehouses	colour	White	materials housing	Polycarbonate
materials terminals	Nickel plated stainless steel	operating temperature	-20 to 70°C	operating temperature	-4 to 158°F
quiescent current	250µA	standards	EN 54-5	warranty	10 year
Dimensions — diameter	100mm	Dimensions — diameter	3.94in	Dimensions — length	42mm
Dimensions — length	1.65in	Weight —	105g		