Orbis Marine Optical Smoke Detector

Product reference	
Part No.	ORB-OP-42001-MAR
Manufacturer	Apollo



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Key product facts

01 · Operating temperature
-40 to 70°C

Product overview

The Orbis Marine Optical Smoke Detector operates on the well-established light scatter principle. However, the sensing technology is radically different in design from previous optical detectors and significantly reduces false alarms. Base inclusion is unverified. Confirm control-panel and mounting-base compatibility and included components before ordering. Follow the manufacturer installation instructions.

Technical specifications

Detection principle	Photo-electric light scattering.	Operating temperature	-40 to 70°C
Minimum 'detector active' voltage	6V	Humidity	0% to 98% (no condensation or icing)
Holding voltage	5 to 33V	Humidity Note	no condensation or icing
Minimum voltage to light alarm LED	5V	IP rating Value	IP44
Quiescent current	95µA	Weight	75g
Quiescent current tested at	24V dc	Product length	31mm
Polarity	L1 &, L2 are polarity sensitive	Product diameter	97mm
Alarm load	600Ω	Materials housing	Polycarbonate
Sampling frequency	Once every 4 seconds		