

ATEX Photoelectrical smoke detector APOLLO ORB-OP-520027-APO

Suitable for use in hazardous areas. Intrinsic Safety (IS) detector. Approval to EN54-7:2000.

Photoelectrical smoke detector uses state of the art optical chamber to provide quick and accurate detection of fires. The detector is designed so that it cannot ignite an explosive mixture. DirtAlert TM. Drift compensation to compensate for dirt caused by the environment.

Specifications

Voltage:	14 - 28 VDC (Min. 'detector active' 12V)
Currents	
Stand-by:	85 μ A (@24 VDC)
Alarm load:	325 Ω
Environment	
Temp.:	-40 to +70 °C. See classification for use
Humidity:	0% to 98% (non-condensing)
Dimensions	
HxD:	42x $\varnothing$ 100 mm
Weight:	75 g
Material /Colour:	Polycarbonate/White

Classification

II 1 G Ex ia IIC	- 40°C<Ta+40°C (T5)
	- 40°C<Ta+60°C (T4)

Approval

CE: 0832-CPD-0476

ATEX-Baseefa 06 ATEX 0007X

IECEX-IECEX BAS 06.0002X

Marine type approval standards

American Bureau of Shipping (ABS)
Bureau Veritas (BV)
Det Norske Veritas (DNV)
Germanischer Lloyd (GL)
Lloyds Register (LR)
Marine & Coastguard Agency (MCA)

Standards

EN54-7:2000 Optical smoke detector

EN61000-6-3, EN50130-4, Electromagnetic compatibility

ATEX-related standard

BSEN60079-0:2000

IEC60079-0:2004

EN50020:2002

EN/BSEN/IEC60079-26:2004



Document: 540212 ATEX Detector Apollo
ORB-OP-520027-APO

Product:

Electronics

Id: **mrp**

Rev: **06.12.06**



FIRE EATER 1/2

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