

DATASHEET

NC-DPO-B

Conventional optical smoke detector (Black)

MAIN FEATURES

- Conventional optical smoke detector (Black)

TECHNICAL SPECIFICATIONS

Power supply

Reset voltage	<1 VDC
Operating voltage	9.5 to 28 VDC (24 VDC typical)
Current consumption	<60 μ A (Quiescent) $\leq$ 55 mA (Alarm)

Inputs / outputs

Zone length	Panel dependent
Output quantity	1
Output type and rating	Remote indicator
Remote alarm output	Supported

Physical characteristics

Physical dimensions	54.5 mm (including base) x 100 mm $\varnothing$
Net weight	$\pm$ 110 g
Colour	Traffic white (RAL9016)
Mounting type	Ceiling mount
Material (body)	ABS

Environmental characteristics

Operating temperature	-10 to +50°C
Relative humidity	0 to 95% noncondensing
Environment	Indoor
IP rating	IP2x

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TECHNICAL SPECIFICATIONS

Other characteristics

Status indication	Red LED
User interface	Via LED - polling, fault, contamination and alarm
Compatibility	NC-Series conventional panels and Excellence series conventional zone monitors
Reset time	<10 s
Alarm levels	2
Connectivity	Zone connection - 2-core (polarity sensitive), RI connection - 2-core (polarity sensitive)
Cable specification	>1.0 mm ²
No. of cable cores	2
Terminals	4
Detection principle	Optical, tyndall effect
Sensitivity	Programmable
Vandal proof	No
Compliance	CE, REACH, RoHS 3, WEEE
Category	Reference
Detection device	NC-D-PT
Notification device	PA25/3L