



CQR 12V DETECTORS

Code: FI/SMOKE/12V

CQR 4 Wire Conventional Smoke Detector

Conventional photoelectric smoke detectors are state-of-the-art detectors suitable for connection to 12 volt monitored / indicating panels such as intruder alarm panels.

Features & Benefits

- Advanced algorithms provide advanced detection discrimination
- Automatic drift compensation for long-term stability
- Easy installation. No programming required
- Low maintenance
- Sleek low-profile housing design
- Stable photoelectric smoke sensing chamber. No adjustment or replacement required
- Dual LEDs for 360° visibility

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Product Information

Device Type	Smoke Detector
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Technical Data

Operating Humidity	0% - 95% RH non-condensing
Storage Temperature	-25°C to +80°C
Operating Temperature	-10°C to +50°C
Operating Voltage	10~28 VDC
Start-up Current	≤ 350uA
Standby Current	≤ 45uA
Alarm Current @ 10V	12mA
Alarm Current @ 24V	40mA
Alarm Current @ 28V	48mA
Start-up Time	≤ 8s
Sampling Time	3s to 5s
Rest Time	≤ 3s
Reset Voltage	≤ 2.1V
Alarm Response Threshold	0.08dB/m to 0.12 dB/m
Storage Humidity	0% - 98% RH non-condensing
Alarm Indicator	2 LED's
Ceiling Space	≤ 15m

Housing

Dimensions (mm)	ø98mm x 45mm
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Certifications

CE Approved	Yes
CPR Approval	EN 54-7 :2018 – Smoke Detectors – Point Detectors

