

# Addressable Smoke Detector

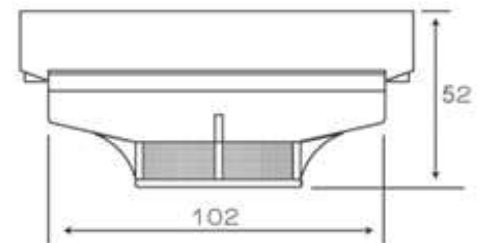
## General

The **RCL-280** addressable smoke detector are microprocessor controlled addressable detector suitable for connection to the RCL-3100 addressable fire alarm control panel. Up to 300 detectors can be connected to each loop. Advanced electronics in conjunction with a photoelectronic smoke sensing chamber provide early detection of smoke and high immunity against unwanted alarms.



## Features

- DCP protocol for fast and robust communication
- Use standard cable, no shielded or twisted pair required on SLC loop
- Up to 300 devices can be used on per loop
- Dual LED indicators can show normal · alarm and failure status
- With net of holes' diameter 0.5mm, preventing from flying insects and particles but no barrier to smoke inflow
- Electronic address is easily to program by RCL-3100 panels or programmer tool
- Magnet-initiated alarm test function



## Specifications

Model	<b>RCL-280</b>
Operating Voltage	DC 18V ~ 30V
Quiescent current	1.7 mA / DC 24V
Alarm current	15mA / DC 24V
Alarm response threshold	15% during 30 seconds
LED indicator	Normal: flash one time per 6 seconds; Alarm: always on; Failure: flash two times per 6 seconds
Operating temperature	0°C ~ 50°C,
Relative humidity	< 95% RH, non-condensing
Material / color	Fire-proof plastic / White
Dimensions	Φ102 x 52 mm



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