

## DATASHEET

### NC-DPO-W

Conventional optical smoke detector (White)

#### MAIN FEATURES

- Conventional optical smoke detector (White)



#### TECHNICAL SPECIFICATIONS

##### Power supply

|                     |                                    |
|---------------------|------------------------------------|
| Reset voltage       | <1 VDC                             |
| Operating voltage   | 9.5 to 28 VDC (24 VDC typical)     |
| Current consumption | <60 µA (Quiescent) ≤ 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 Ø |
| Net weight          | ±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                   |

## NC-DPO-W

### 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 <sup>2</sup>                                                                       |
| No. of cable cores  | 2                                                                                          |
| Terminals           | 4                                                                                          |
| Detection principle | Optical, tyndall effect                                                                    |
| Sensitivity         | Programmable                                                                               |
| Vandal proof        | No                                                                                         |
| Compliance          | CE, REACH, RoHS 3, WEEE                                                                    |
| Certification       | CPR                                                                                        |
| Voluntary marks     | BOSEC                                                                                      |
| Standards           | EN54-7                                                                                     |
| Category            | Reference                                                                                  |
| Detection device    | NC-D-PT                                                                                    |
| Notification device | PA25/3L                                                                                    |