

Photoelectric Smoke Detector — CD1010 series

Product summary

CD1010 series is a conventional smoke detector adopting non-polarity 2-Wire technology. The design incorporates a highly integrated 8 bit professional MCU which provides powerful analysis & judgment capacity and reliability. Through the firmware, the detector can automatically compensate the external environmental parameter changes, synthesize various information, carry on the interference filter, realize quick and accurate fire warning.

Feature:

- 2-wire.
- Wide voltage range, and stable output.
- Advanced detection and smoothing algorithms.
- Drift compensation.
- Reliable early warning of a fire condition.
- Durable sensor head, no need for replacement.
- Easy installation.
- Sleek low-profile housing design.
- Low cost, high performance.
- Five-year limited warranty.

Models:

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| CD1010 | 2-Wire, Base 12B1 |
| CD1011 | 2-Wire with remote LED output, Base 12B2 |



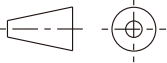
⚠ Note: The detector head of CD1010 and CD1011 is same.

Technical Data:

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|-----------------------|--|
| Smoke Sensitivity | 0.08~0.145dB/m(EN standard) |
| Working Voltage | 10V~33V |
| Standby current: | 70~100μA |
| Alarm current: | CD1010: 35mA±2mA at 24V CD1011: 32mA±2mA at 24V |
| Reset Voltage | less than 5 volt |
| Reset Time | less than 2 seconds |
| Alarm Indicator | LED continuously emitting red light |
| Operating Temperature | -10°C to 55°C |
| Storage Temperature | -20°C to 70°C |
| Humidity | 0 to 93%RH, no condensation or icing |
| Dimensions | 106mm (dia.) x 35mm (ht.) with base |
| Weight | 96g/set with base |
| Standard | EN54-7:2018 |

Appearances:



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|---|-------------------------|------------|------------|--|------------|-------------|----------------------|--|--|
|  | 新发行(New issue) | | | 徐珊珊 | | 2021/08/10 | |  宁波尚泰电子有限公司 NINGBO SENTEK ELECTRONICS CO.,LTD. | |
| 更新版次 (REV.) | 修订记录 (REVISION HISTORY) | | | 签名 (SIGNATURE) | | 日期 (DATE) | | | |
| 设计 DESIGN | 徐珊珊 | 日期 DATE | 2021/08/10 | 材料 MATERIAL  | PAPER | | 产品型号 PRDDUCT ITEM | CD1010 | |
| 审核 CHEDKED | 刘 胜 | 日期 DATE | 2021/08/10 | | | | 零件名称 PART NAME | 规格书 (Specification) | |
| 核准 APPROVED | 张剑锋 | 日期 DATE | 2021/08/10 | | | | | | |
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