# 10Y30 - BASIC

## Autonomous Smoke Fire Detector




A new generation fire detector with breakthrough dual-spectrum dust detection of a resistant optical chamber and SIC technology for temporarily silencing the alarm using an IR remote control.

- Dual-spectrum optical sensor for smoke detection
- Protection against foreign bodies
- SIC remote alarm silencing by IR remote control
- Battery operation for up to 10 years
- PCB protection with IZOVAX nanoparticle lacquer layer
- EN 14604:2009 certification and 10 year warranty

# Technical specification

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| Smoke Detection | Dual-spectrum optical (photoelectric) sensing technology |
| Microprocessor | AI SAFE with predictive algorithm |
| Preset alarm value | 0.2 dB/m to 0.3 dB/m |
| Detection Area | When the height of the space is less than 8 m, the area protected by the device is 20 m² to 40 m² |
| Sampling Period | 9 s |
| PCB protection | Insulating and protective lacquer layer with IZOVAX nanoparticles |
| Alarm silencing | Manual via the silence button; SIC technology – remote silencing by IR remote control |
| Mute Time | 9 minutes |
| Alarm Signalization | Acoustic – 85 dB at 3 m; optical – red LED indicator |
| LED Indication | Operation, alarm and fault |
| Operation | Green LED indicator flashes once per minute |
| Alarm (LED) | Red LED indicator flashes once per second |
| Malfunction | Red LED indicator flashes twice per minute |
| Power Supply | 3 V DC, 1× CR123A lithium battery (non-replaceable) |
| Consumption | Standby mode: ≤ 15 µA; during alarm: ≤ 35 mA |
| Battery Life | 10 years |
| Installation | Indoor |
| Operating Temperature | −10 °C to +55 °C |
| Operating Humidity | Up to 95 % relative humidity without condensation |
| Storage Conditions | Temperature: −20 °C to +60 °C; humidity: 5% to 95% RH without condensation |
| Housing Material | PC + ABS |
| Housing Colour | White |
| Mounting | Ceiling or wall mounting |
| Product Dimensions | diameter 81.5 mm; height 51.6 mm (with mounting bracket) |
| Product Weight | 110 g (including battery) |
| Package Dimensions | 61 × 86 × 98 mm |
| Package Weight | 160 g |

# Technical specification

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| Carton Dimensions | 395 × 360 × 260 mm |
| Weight of the carton | 7.2 kg |
| Quantity per carton | 40 pcs |
| Certification | ČSN EN 14604:2009 |

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| Declaration of Comformity (DoC) | CE 1008-CPR-MC 69266708 |
| Warranty | 7 years (device and battery) |
| EAN code | 0703123017930 |




More on the web
smart-safe.eu/firesafe/en/produkty/safe-10y30-basic

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