



Device type: **AXD-200**

Multipurpose Detector

Internal multipurpose detector that can operate in one of five available modes. Regardless of the function of these devices installed in different rooms, the appearance of all the detectors will be the same. This significantly affects the aesthetics of the entire installation.

- multipurpose detector, that can be used as:
 - ❖ shock detector
 - ❖ opening detector
 - ❖ shock and opening detector
 - ❖ flood detector
 - ❖ temperature sensor
- built-in temperature sensor – measuring range: $-10^{\circ}\text{C} \div +55^{\circ}\text{C}$ (regardless of the set operating mode)
- LED indicator
- operation in the 868 MHz frequency band
- AES encrypted two-way radio communication
- transmission channel diversity – 4 channels for automatic selection of the one that will enable transmission without interference with other signals
- remote settings programming
- remote firmware update



- battery status control
- tamper protection against enclosure opening and removal from mounting surface
- compliance with EN 50131 Grade 2
- a magnet for surface mounting and a magnet for flush mounting are included (a magnet is used when the detector operates as an **Opening detector** or a **Shock and opening detector**)
- mounting tape included
- option to work outside the building – required **OPX-1** hermetic housing and, depending on the operating mode, a magnet in the **OPXM-1** hermetic housing
- device operating as a **Flood detector** requires the connection of the **FPX-1** probe – available separately

Available in three colour versions:



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| Operating frequency band | 868.0 MHz ÷ 868.6 MHz |
| Battery | CR123A 3 V |
| Battery life expectancy | up to 2 years |
| Standby current consumption | 20 µA |
| Low battery voltage threshold | 2.75 V |
| Temperature measurement range | -10°C ÷ +55°C |
| Temperature measurement accuracy | ±1°C |
| Complied with standards | EN 50130-4, EN 50130-5, EN 50131-1, EN 50131-2-6, EN 50131-5-3 |
| Security grade according to EN 50131-2-6 | Grade 2 |
| Environmental class according to EN 50130-5 | II |
| Operating temperature range | -10°C ÷ +55°C |
| Maximum humidity | 93±3% |
| Enclosure dimensions | 20 x 102 x 23 mm |
| Surface mounted magnet enclosure dimensions | 15 x 52 x 6 mm |
| Surface mounted magnet spacer dimensions | 15 x 52 x 6 mm |
| Flush mounted magnet enclosure dimensions | ∅10 x 28 mm |
| Weight | 59 g |

Opening detector / Shock and opening detector

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|----------------------|-------|
| Maximum gap | |
| surface magnet | 20 mm |
| flush magnet | 18 mm |

Shock detector / Shock and opening detector

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| Shock detection range (depending on the surface type) | up to 3 m |
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This range is for reference only.

Please test the actual range when mounting the detector.



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