

XD-2

MULTIPURPOSE DETECTOR

XD-2 is a multipurpose wired detector, which can operate with any alarm control panel. XD-2 can work as: magnetic contact, shock detector, shock detector and magnetic contact, and water flood detector.

XD-2 can also work outdoors, even during adverse weather conditions, if placed inside the OPX-1 enclosure. When XD-2 is installed outside to work in one of the modes which require to use the magnet for proper operation, the OPXM-1 (magnet in a hermetic enclosure) must be used.

It is available in white (XD-2), brown (XD-2 BR) or dark grey (XD-2 DG).

- option to select detector type with DIP switches
- mode of operation:
 - magnetic contact:
 - detection of opening of a door, window, etc.
 - input for connecting an NC type wired detector
 - 1 alarm output
 - shock detector:
 - detection of shocks and vibrations accompanying attempts to force a door or window
 - input for connecting an NC type wired detector
 - 1 alarm output
 - shock detector and magnetic contact
 - detection of shocks and vibrations accompanying attempts to force open a door or window, etc.
 - detection of opening a door, window, etc.
 - input for connecting an NC type wired detector
 - 1 or 2 alarm outputs
 - water flood detector
 - detection of flooding in rooms with plumbing
 - input for connecting external flood probe FPX-1 (white), FPX-1 BR (brown) or FPX-1 DG (dark grey) – the probe available separately
 - 1 alarm output
- LED indicator
- remote enabling/disabling of LED indicator
- supply voltage control
- tamper protection against enclosure opening and removal from mounting surface
- 2 magnets included (for surface and flush mounting)



TECHNICAL DATA

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|--|--|
| Operating temperature range | -10°C...+55°C |
| Standby mode current consumption | 12,5 mA |
| Max. current consumption | 14 mA |
| Weight | 46 g |
| Maximum humidity | 93±3% |
| Environmental class according to EN50130-5 | II |
| Detector enclosure dimensions | 20 x 102 x 23 mm |
| Complied with standards | EN 50130-4, EN 50130-5, EN 50131-1, EN 50131-2-6 |
| Security grade according to EN50131-2-6 | Grade 2 |
| Magnet enclosure dimensions - surface mounting | 15 x 52 x 6 mm |
| Magnet pad dimensions - surface mounting | 15 x 52 x 6 mm |
| Magnet pad dimensions - recessed mounting | ø10 x 28 mm |
| Maximum gap - surface magnet (magnetic contact) | 15 mm |
| Maximum gap - recessed magnet (magnetic contact) | 19 mm |
| Tamper outputs (NC relay, resistive load) | 40 mA / 24 V DC |
| Power supply voltage (±25%) | 12 V DC |
| S alarm outputs (NC relay, resistive load) | 40 mA / 24 V DC |
| Relay contact resistance (NC alarm output) | 26 Ω |
| Relay contact resistance (S alarm output) | 26 Ω |
| SNS input sensitivity (NC type detector) | 150 ms |
| SNS input sensitivity (flood probe) | 1 s |
| Detection range (depending on surface type) (shock detector) | up to 3 m |
| NC alarm outputs (NC relay, resistive load) | 40 mA / 24 V DC |