

# 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**

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