

# XD-2 DG

## 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)  | 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                                  |