MXD-300 BR

The MXD–300 BR detector is designed to operate within the **MICRA** wireless system. It is a multipurpose device capable of working as a magnetic contact, magnetic contact with input for roller shutter detector, shock detector, shock detector and magnetic contact or water flood detector.

It is supported by: **PERFECTA** (**WRL** models and **PERFECTA 64 M** equipped with **PERFECTA–RF** module) alarm control panels, **VERSA–MCU** controller, **MTX–300** controller, **MICRA** alarm module (firmware version 2.02 or newer). Radio signals from the detector can be retransmitted by **MRU–300** radio signal repeater.

Available in two color options: white (**MXD–300**) or brown (**MXD–300 BR**).

- option to select detector type using jumpers
- operating modes:
  - magnetic contact / magnetic contact with input for roller shutter detector
    - detection of opening of a door, window, etc.
    - input for connecting an NC type wired detector
    - input for connecting a wired detector with roller shutter input (magnetic with roller shutter input)
  - shock detector / shock detector and magnetic contact
    - detection of shocks and vibrations associated with attempts to force a door or window
    - detection of opening of a door, window, etc. (shock and magnetic detector)
  - water flood detector
    - detection of flooding in rooms with plumbing
    - input for connecting an external flood probe **FPX–1** (white), **FPX–1 BR** (brown) or **FPX–1 DG** (dark gray) – the probe available separately
- encrypted radio transmissions in the 433 MHz frequency band
- battery status control
- LED indicator
- tamper protection against enclosure opening and removal from mounting surface
- 2 magnets included (for surface and flush mounting)

Radio communication range (in open area) for MICRA / VERSA-MCU / MTX-300	up to 500 m
Maximum gap for the top reed switch - surface magnet (magnetic detector)	25 mm
Maximum gap for side reed switch - recessed magnet (magnetic detector)	20 mm
Maximum gap for side reed switch - surface magnet (magnetic detector)	15 mm
Stand-by current consumption (shock sensor ON)	88 µA
Stand-by current consumption (shock sensor OFF)	72 µA
M/F input sensitivity (F - NO input)	1,5 s
M/F input sensitivity (M - NC input)	300 ms
Radio communication range (in open area) for MRU-300	up to 300 m
Shock detection range (depending on the type of mounting surface)	up to 3 m
Magnet pad dimensions - recessed mounting	ø10 x 28 mm
Magnet pad dimensions - surface mounting	26 x 13 x 3,5 mm
Magnet enclosure dimensions - surface mounting	26 x 13 x 19 mm
Battery working time (in years)	up to 2
Radio communication range (in open area) for PERFECTA	up to 600 m
Security grade according to EN50131-2-6	Grade 2
Complied with standards	EN 50130-4, EN 50130-5, EN 50131-1, EN 50131-2-6, EN 50131-5-3
Detector enclosure dimensions	26 x 112 x 29 mm
Environmental class according to EN50130-5	II
Battery	CR123A 3V
Operating frequency band	433,05 ÷ 434,79 MHz
Maximum humidity	93±3%
Weight	77 g
Max. current consumption	22 mA
Operating temperature range	-10°C...+55°C