

AFD-200

The **AFD-200** detects indoor water flooding. The device might be installed in spaces provided with water installation or other spaces, where water flooding occurrence is possible. It is designed for operation within the **ABAX 2** two-way wireless system. The detector is supported by:

- **ACU-220 / ACU-280** controller (firmware version 6.08 or newer)*
- **ARU-200** repeater.
- detection of water flooding using built-in probe
- detection of detector overturn
- encrypted two-way radio communication in the 868 MHz frequency band (AES standard)
- transmission channel diversity – 4 channels for automatic selection of the one that will enable transmission without interference with other signals in the 868 MHz
- remote update of device firmware
- remote device configuration
- built-in temperature sensor (measuring range: $-10^{\circ}\text{C} \dots +55^{\circ}\text{C}$)
- LED indicator
- built-in sounder
- "ECO" option for longer battery life
- battery status control

The device is not supported by the **ACU-220 / ACU-280 controller connected to the **VERSA** series control panel.*

Battery working time (in years)	up to 5
Operating temperature range	$-10^{\circ}\text{C} \dots +55^{\circ}\text{C}$
Weight	47 g
Maximum humidity	$93 \pm 3\%$
Operating frequency band	$868,0 \div 868,6 \text{ MHz}$
Battery	CR123A 3V
Standby current consumption	$45 \mu\text{A}$
Dimensions	$65 \times 65 \times 24 \text{ mm}$
Environmental class according to EN50130-5	II
Temperature measurement accuracy	$\pm 1^{\circ}\text{C}$
IP code	X4
Radio communication range (in open area) for ACU-220	up to 1200 m
Radio communication range (in open area) for ACU-280	up to 600 m
Low battery notification voltage	2,75 V