



Order number: 2220000005

Open text field 1:

- Combined PIR and microwave detector
- Alarm only if both detectors respond
- Battery life approx. 3 years (battery status monitoring in alarm control unit)
- Wireless transmission
- Sabotage detection
- Status transmission
- For indoor installation (optimum installation height: 1.9-2.0 metres)

Hersteller: Kathrein

## FBM 100-2

### Product information "FBM 100-2"

2-way wireless motion detector

|                                                     |                                                     |
|-----------------------------------------------------|-----------------------------------------------------|
| Type:                                               | FBM 100-2                                           |
| Radio frequency:                                    | 868,6625 MHz                                        |
| Radio power:                                        | Max. 10 mW                                          |
| Modulation:                                         | FM                                                  |
| Transmission range (depending on local conditions): | Approx. 30 to 100 m                                 |
| Attachment options:                                 | Screw-on at 1.8-2m height                           |
| Installation site:                                  | Wall, in corners                                    |
| Power supply:                                       | 3 V, CR123 lithium battery                          |
| Power consumption:                                  | 30 mA                                               |
| Sensor type:                                        | PIR (passive infra-red) and microwave pulse doppler |
| Detection method:                                   | Thermal field and microwave field measurement       |
| Microwave frequency:                                | 10525 GHz                                           |
| Horizontal detection angle:                         | 110 °                                               |
| Battery life:                                       | 4 years (at average of 20 activations per day)      |
| Certified in accordance with:                       | EN 50131-1 Grad 2                                   |
| Complies with directives:                           | CE, FCC, RoHs                                       |
| Ambient temperature:                                | -10 to +45 °C                                       |
| Dimensions (D x H x W):                             | 60 x 113 x 63 mm                                    |
| Weight:                                             | 0,14 kg                                             |