

| Comparison criteria | Window / Door Contact – optical | Window / Door Contact with magnet |
|---|--|--|
| Product image | | |
| Short description | HmIP SWDO-2 / HmIP SWDO-A | HmIP-SWDM-2 |
| Supply voltage | 1x 1.5 V LR03/micro/AAA | 2x 1.5 V LR03/micro/AAA |
| Battery life in years (typical) | 2 | 4 |
| Dimensions (W x H x D) | 102 x 15 x 20 mm | 102 x 18 x 25 mm (electronic unit); 48 x 11 x 13 mm (magnet contact) |
| Weight (incl. batteries) | 30 g | 48 g (electronic unit) + 17 g (magnetic contact) |
| Typical Range in open space | 300 m | 200 m |
| Functionality: Recognising the window status | closed / open, optical (infrared) sensor | closed / open, magnetic contact |
| Cloud operation with access point supported | ✓ | ✓ |
| Local operation with CCU3 possible | ✓ | ✓ |
| Stand-alone operation possible | no | Yes, up to 8 radiator thermostats – basic can be paired with the Window / Door Contact |
| Compatible with Amazon Alexa (via the HmIP-HAP) | ✓ | ✓ |
| Compatible with Google Assistant (via the HmIP-HAP) | ✓ | ✓ |
| Tamper contact | ✓ | no |
| Ambient temperature | 5 to 35°C | -10 to +50°C |
| Cover caps supplied | white, brown (HmIP-SWDO-2) | – |
| Note on installation | The ideal spacing between the housing edge of the Window / Door Contact and the Window / Door casement should be 3 mm. | The ideal spacing between the housing edge of the Window / Door Contact and the magnet contact should be 5 mm. |
| Possible limitations in detection* | Strong ambient light or soiling of the sensor can impair optical detection. | |

* The handle position of the window sash is not queried (no detection of whether the window is locked).