



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	✓	✓
Push-to-Pair operation possible	no	Yes, up to 4 compatible devices 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).