

DS-PDMC-EG2-WE Wireless Magnet Detector

DS-PDMC-EG2-WE is a wireless opening detector that notifies of first signs of room intrusion by means of a broken door or window. It can be mounted on all types of doors including metal base and the onboard inputs will allow user to extend applications by wiring to different wired sensors.



Key Features

- Slim design for an unobtrusive (unnoticeable) installation
- Fully remote configurable through App
- Multiple enrollment methods and easy installation design
- Frequency hopping against jamming for reliable transmission

Detection Gap

Table 1.

Axes of Operation	Event	Without Nominal Distance	With Nominal Distance 5 mm
		Distance in Air	Distance in Air
X+	Remove	11	13
	Approach	15	17
X-	Remove	11	13
	Approach	15	19
Y	Remove	33	28
	Approach	28	23
Z+	Remove	43	42
	Approach	40	38
Z-	Remove	37	35
	Approach	32	30

Available Model

DS-PDMC-EG2-WE



Specification

DS-PDMC-EG2-WE		
Technical characteristics	Reed switch	1
	External zones	2
	Zone options	Normal and fast sensitivity with pulse count
	Programmable pulse count	Supported
	Fast zone sensitivity	1ms
	Normal zone sensitivity	300ms
	Tamper protection	Front and back
	LED indicator	Alarm (blue)
	Encapsulated PCB	Supported
Wireless technical characteristics	Wireless technology	Tri-X Wireless Technology
	Two-way wireless communication	Supported
	Transmission frequency	868 MHz
	RF range	1600m (open space)
	Transmission encryption	AES-128 encryption
	Enrolling methods	Power up, remote ID and QR code
	Frequency hopping	Multichannel transmission
	Signal strength indicators	Supported
	Environment temperature indicator	Supported
Electrical and battery	Battery	CR123A x 1 (included)
	Standard battery life	5 years
Environmental and operating features	Dimension (W × H × D)	22.5mm × 103mm × 23.2mm 13mm × 34.4mm × 11.4mm
	Weight	59g
	Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)
	Operating temperature	-10 °C to 55 °C (14 °F to 131 °F)
	Operating humidity	10% to 90%

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