

MC1Z2/SHOCK-WE

Our all-in-one shock, contact and universal transmitter

The MC1Z2/SHOCK-WE is our new, wireless magnetic contact and shock sensor with two zone inputs for flexible set-up.

Designed for internal use, the Grade 2 device offers a magnetic reed contact, an accelerometer shock sensor, as well as universal transmitter functionality with two zone inputs and one tamper input, all in one housing.

The new device delivers Enforcer and EURO (with a ZEM) compatibility, enhanced installation and calibration, and an aesthetically pleasing design; with options to purchase in white, brown and anthracite grey.

The multi-function shock and contact device



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Universal transmitter

The device features two zone and one tamper input for adding devices via double pole wiring. The MC1Z2/SHOCK-WE is compatible with any device that has a volt free relay that switches state when the device is triggered or tampered. External devices could include anything from water leak sensors to wired alarm devices, like a wired roller shutter contact or panic alarm buttons.

Auto-orientation

With the MC1Z2/SHOCK-WE, there's no longer a detection chamber to calibrate in the 'up' position, instead, the orientation of the device is automatic, allowing it to be installed at any angle.

Central reed location

The central location of the reed optimises installation by removing any chance of mispositioning the contact magnet when fitting. To make things even easier, and to further optimise installation, the device comes with diagnostic LEDs to assist in setting up the magnet gap.

Enhanced installation and calibration

The MC1Z2/SHOCK-WE PCB is encased in the front of the sensor, along with the batteries, so there's no need to open the device to configure the PCB on install and there's nothing to unscrew for battery replacement, making installation and maintenance easy!

There's a pinhole button on the front of the device for calibrating the shock sensitivity with ease, too. Holding the button cycles through increments 1 to 5, with 1 offering the least sensitivity and 5 offering the most.

300m Transmission range

The high sensitivity receiver allows a wireless signal range of up to 300m in open space, eliminating the need for repeaters and reducing installation costs.

Two-way Wireless Technology

The MC1Z2/SHOCK-WE features two-way wireless technology, offering a highly secure and reliable wireless system, using 128-bit wireless protocol encryption and advanced jamming detection.

One Push-to-Learn

Assigning the wireless device to the system is made simple and quick with the push of a button, using our One-Push-to-Learn feature.

Signal Strength Indicator (SSI)

The MC1Z2/SHOCK-WE can be optimally positioned during installation, without the need to refer back to the panel, using our SSI technology. View the wireless transmission signal strength on both the control panel and wireless devices in real time.

Partcode	MC1Z2/SHOCK-WE
Physical	
Dimensions (W x H x D)	Main housing 125 x 25.5 x 28mm Magnet 125 x 15 x 16mm
Weight	Main housing 65g. Magnet housing 30g
Casing	2.5mm ABS
Colour	White
Tamper switches	Passive, Closed Contact
Electrical	
Transmission method	Fully encrypted rolling code
Transmission frequency	868MHz FM transceiver narrow band
Transmission range	300m
Battery type	3.0V CR123A Lithium Battery
Low battery threshold	2.5V ± 5% @ 25°C
Battery life	2 years
Environmental	
Storage temperature	-20°C to 50°C
Operating temperature	-10°C to 40°C
Certifications	
Security grade	2
Security standards	EN50131-1:2006+A3:2020, EN50131-2-6:2008, EN50130-5:2011, EN50131-5-3:2017, PD6662:2017
Environmental class	II
Emissions	EN 55032:2015+A1:2020
Immunity compliance	EN 50130-4:2011+A1:2014



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Pyronix Limited, Secure House, Braithwell Way, Hellaby, Rotherham, South Yorkshire, S66 8QY, UK

T: +44 (0)1709 700 100 E: sales@pyronix.com W: www.pyronix.com