

## WIRED DRY CONTACT SENSOR

The dry contact transmitter is designed to detect any change of status in an equipment featuring a potential-free dry contact output: normally open (preferably) or normally closed.

This transmitter allows the connection of any device with an on/off status report to the EnOcean protocol where cable connections are neither advised nor possible.

The device is features a 0.5m-long wired connector for a remote connectivity. Powered with a solar cell, the sensor needs no maintenance and is thus fully stand-alone. A radio signal is sent as soon as the status of the dry contact changes (from open to close and vice-versa). Moreover, a status message is automatically transmitted approximately every 15 minutes.

No maintenance operation is required thanks to the solar cell which supplies the device with electric power. The energy stored in the internal charger guarantees a full service during several days even in pitch darkness.

Delivered as complete ready to fit unit.

Also available with backup battery compatibility.



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|---------------|---|
| CODE 10020057 | WIRED DRY CONTACT SENSOR                                |
| CODE 10020083 | WIRED DRY CONTACT SENSOR COMPATIBLE WITH BACKUP BATTERY |

### SPECIFICATIONS

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|--|--|
| Antenna / transmission range                     | Internal helix / 300m in open areas, about 30m inside (according to the configuration) |
| Power supply                                     | Small solar cell (PV generator)  |
| Transmission frequency                           | 868.3MHz   |
| Transmission power                               | 10 mW max  |
| Detection frequency                              | 0.5 Hz max   |
| Sense current                                    | 1µA max  |
| Dry contact resistance                           | Open 5MΩ min. – Closed 1KΩ max   |
| Distance between equipment & sensor              | Max. 1m from the transmitter   |
| Capacity of the connector, wire crimping section | from 0.2 to 0.32 mm <sup>2</sup> (AWG 22/24), exterior 1.3mm max.                      |
| Operating temperature range                      | -10°C up to +60°C  |
| Floodlighting                                    | >100 lux average per day   |
| Learn button                                     | Internal push button for the learning of new operations                                |
| Dimensions of the contact REED module            | Base 78 x 25mm x height 15mm   |
| Color  | White  |
| Ingress Protection Rating                        | IP40   |