

DRY CONTACT TRANSMITTER

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 captor is equipped with a crimp connector (insulation displacement) and can be unplugged. 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.



CODE 10020047 DRY CONTACT TRANSMITTER WITH CRIMP CONNECTOR

SPECIFICATIONS

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 ² (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