

IMPULSE COUNTER

The dry contact impulse counter is designed to count the impulses of equipment having a dry contact output, normally open (preferred) 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 sensor is equipped with a wire that can be connected to the dry contact. 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 10020080	IMPULSE COUNTING SENSOR
CODE 10020082	IMPULSE COUNTING SENSOR COMPATIBLE WITH BACKUP BATTERY

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
Cable length	1m
Storage temperature range	-20°C up to +60°C
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
EnOcean Equipment Profile (EEP)	A5-12-00