

Receiver Modules RCM 1xx

The multifunctional receiver modules RCM 1xx are used to receive and to process telegrams generated and transmitted by EnOcean radio transmitters.

These modules can be easily integrated into control and switching units for the implementation of different application-specific system solutions.



Type
RCM 1xx

Ordering Code
S3002-B1xx

Features overview

Power supply / Current input	5 V DC \pm 5 % / 29 mA max. without output load
Antenna	9 cm whip antenna or external antenna mountable
Frequency / Channel bandwidth / Sensitivity	868.3 MHz / 280 kHz / -95 dBm
Control Inputs	6 inputs for set up operating and learning modes
Functional Outputs	4 outputs, their function depends on the selected operation mode
Learn Mode Output	indicates learning of transmitters
Number of RF transmitters learnable	up to 30 EnOcean transmitters
RSSI Output	indicates received peak signal strength
Module dimensions (without wiring pins)	18.0 x 42.0 x 5.5 mm
Operating temperature	- 25 up to + 65 °C

This product is CE certified and conforms to the R&TTE EU-Directive on radio equipment.
The EnOcean 868 MHz radio technology can be approved for operating in the USA and in Canada

	Function / Mode	Pre-installed antenna	Ordering Code
RCM110	Switching mode 1, 2, 4 channels Dimming mode Scene control	yes	S3002-B110
RCM120	Push button mode 1 channel Tubular motor control 1, 2 channel Serial interface mode	yes	S3002-B120
RCM122	Push button mode 1 channel Tubular motor control 1, 2 channel Serial interface mode	no	S3002-B122
RCM130	Serial interface mode -With faster timing -Learning of 1BS and 4BS transmitters with LRN bit -Deletion of learned transmitter signalized via serial I/F Tubular motor control 1, 2 channel Additional "industrial" serial mode -Learning of 1BS and 4BS transmitters also without LRN bit -Deletion of learned transmitters only via CLR	yes	S3002-B130
RCM140	Push button mode 2 channel	yes	S3002-B140
RCM152	Swichting mode 1 channel for up to 30 PTM or up to 2 STM 250 No remote learning capability	no	S3002-B152