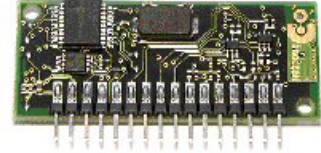


Receiver Modules RCM 1xx

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.



Features Overview

- Power supply / Current input:** 5 V DC \pm 5 % / 29 mA max. without output load
- Frequency/ Channel bandwidth / Sensitivity:** 868.3 MHz / 280 kHz / -95 dBm
- Antenna:** 9 cm whip antenna or external antenna mountable
- 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
- Dimensions of PCB:** 18.0 x 42.0 x 5.5 mm (without wiring pins)
- 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	Temperature range	Pre-installed antenna	Ordering Code
RCM110	Switching mode 1,2,4 channels Dimming mode Scene control	-25°C to +65°C	yes	S3002-B110
RCM112	Switching mode 1,2,4 channels Dimming mode Scene control	-25°C to +65°C	no	S3002-B112
RCM120	Push button mode 1 channel Tubular motor control 1,2 channel Serial interface mode	-25°C to +65°C	yes	S3002-B120
RCM122	Push button mode 1 channel Tubular motor control 1,2 channel Serial interface mode	-25°C to +65°C	no	S3002-B122
RCM130	Serial interface mode: -with faster timing -learning of 1BS and 4BS transmitters with LRN bit -deletion of learned transmitter signaled 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	-25°C to +65°C	yes	S3002-B130
RCM142	Push button mode 2 channel	-25°C to +65°C	no	S3002-B142
RCM152	Switching mode 1 channel for up to 30 PTM or up to 2 STM 250 No remote learning capability	-25°C to +65°C	no	S3002-B152