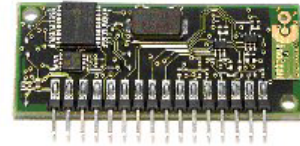


# Receiver Modules RCM 1xx



**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
<b>RCM110</b>	Switching mode 1,2,4 channels Dimming mode Scene control	-25°C to +65°C	yes	S3002-B110
<b>RCM112</b>	Switching mode 1,2,4 channels Dimming mode Scene control	-25°C to +65°C	no	S3002-B112
<b>RCM120</b>	Push button mode 1 channel Tubular motor control 1,2 channel Serial interface mode	-25°C to +65°C	yes	S3002-B120
<b>RCM122</b>	Push button mode 1 channel Tubular motor control 1,2 channel Serial interface mode	-25°C to +65°C	no	S3002-B122
<b>RCM130</b>	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
<b>RCM142</b>	Push button mode 2 channel	-25°C to +65°C	no	S3002-B142
<b>RCM152</b>	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