

# SOMcom4

Radio receiver (4-channel)



With SOMloq2, SOMMER offers customers a future-proof radio system with convenient functions. The bidirectional radio receiver allows simple conversion of products from other manufacturers and special applications.\*

## Advantages:

- Simple conversion of external operators and easy changing of the radio frequency
- Antenna: integrated
- Slot for "Memo" memory expansion (450 radio commands)
- Pulse input: connection option for a potential-free pulse input
- Connection: screw terminals
- Operating mode:
  - Pulse mode (jog): relay activated as long as radio signal is present
  - Switching mode (toggle): relay can be switched on and off via radio control system, like surge relay
  - Defined ON/OFF: command for defined switch-on and command for defined switch-off

- Timed mode (Time): relay is triggered with radio signal and deactivated after set time (1–255 s)

## Advantages of SOMloq2:

- Maximum protection against hackers due to 128-bit AES encryption with Rollingcode
- Option of feedback via handheld transmitter when the sent command was processed by the receiver (e.g. Pearl Vibe)
- Option of channel relay status query via transmitter (e.g. Pearl Status)
- Improved range and higher reliability due to the hop function, as the signal is actively forwarded by the SOMloq2 receiver

## TECHNICAL DATA

Radio system	SOMloq2
Frequency	FM 868,95 MHz
Memory positions	40
Power supply	AC 230 V AC/DC 12–24 V ± 20%
Control output	4 potential-free relay contacts (change-over, 8 A, AC 250 V)
IP code	IP55
Dimensions	125 × 125 × 60 mm



With intelligent control technology for dealers, there are additional options for easily adjusting features and parameters with a web app using your smartphone or tablet. (SOMlink #7040V000)



Disturbance-resistant radio signal



128-bit AES encryption



Bidirectional radio control system

Date: 09/2017. Subject to misprints, errors and technical changes. \* not suitable as tubular motor controller



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