

# Product data sheet

## Bluetooth® Low Energy radio transmitter



### Reference number

BLE LC 995 257

### Bluetooth® Low Energy radio transmitter

4-channel

including mounting plate, adhesive film and retaining screw

- Smart switch for wireless device control using wireless standard Bluetooth® Low Energy (BLE)
- For switching, dimming and controlling individual light scenes
- Mounting on flush box with dimensions according to DIN 49073, screw fixing on walls or adhesive fixing on smooth, even surfaces (glass)
- Battery-free device without external power supply
- Transmitting energy is generated from mechanical energy of actuation (energy harvesting)
- Encrypted transmission with AES-128 (CBC mode) and sequence counter
- Compatible with these wireless Bluetooth® systems: Casambi, XICATO Controls, Häfele Connect, WiSilica, Wirepas, Blu2Light (Vossloh Schwabe), Aruba, Fulham, Helvar
- Configuration interface: NFC Forum Type 2 Tag (ISO/IEC 14443 Part 2 + 3)
- Automatic range extension (depending on the system) via BT Mesh devices connected to the mains

### Technical data

|                                |                              |
|--------------------------------|------------------------------|
| Radio frequency:               | 2.402 ... 2.480 GHz          |
| Transmission range             |                              |
| in free field:                 | up to 75 m                   |
| in buildings:                  | approx. 15 m                 |
| Transmitting power:            | 4 dBm / 2.5 mW               |
| Ambient temperature:           | -5 ... +45 °C                |
| Storage/transport temperature: | -25 ... +65 °C               |
| Atmospheric humidity:          | 0 ... 95 % (no condensation) |



**matt lacquered**

**Colour:**  
gris clair 59

**Material:**  
duroplastic lacquered

**P** Individual colour printing possible