



## KL6583 | EnOcean transmitter and receiver

The KL6583 EnOcean module enables EnOcean data to be transmitted and received. An antenna is integrated in the device. The KL6583 module is supplied with 24 V and offers a bus connection to the KL6581 EnOcean master terminal. Data is transmitted from the EnOcean module to the EnOcean master terminal via a 2-wire bus. The data is transmitted to the KL6581 and is thus available to the application. The length of the data bus may be max. 500 m. The KL6583 is addressed via an address selection switch. Up to eight KL6583 modules can be connected to a KL6581.

| Technical data                   | KL6583                                                                                                                                                  |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connection                       | 2 x 2-wires directly at the KL6581 Bus Terminal                                                                                                         |
| Power supply                     | via KL6581 (24 V DC)                                                                                                                                    |
| Connecting cable                 | up to 500 m                                                                                                                                             |
| Current consumption              | 20 mA (24 V DC)                                                                                                                                         |
| Configuration                    | not required                                                                                                                                            |
| Frequency band                   | 868.35 MHz                                                                                                                                              |
| Data transfer range              | 300 m in the free field, 30 m within buildings                                                                                                          |
| Radio telegram                   | depending on the sensor type (32 bits sensor ID number, unlimited number of useful bytes), send and receive                                             |
| Receiving antenna                | integrated in the housing                                                                                                                               |
| Housing                          | round upper part for mounting (ceiling/wall) with flange connection for main housing, upper part with cable feed-through; colour: grey white (RAL 9002) |
| Dimensions                       | height: 57 mm, diameter: 72 mm (round upper part for mounting); diameter: 110 mm (main housing with flange connection)                                  |
| Weight                           | approx. 90 g                                                                                                                                            |
| Operating/storage temperature    | 0...+55 °C/-25...+85 °C                                                                                                                                 |
| Relative humidity                | 95 %, no condensation                                                                                                                                   |
| Protect. class/installation pos. | IP 40/variable                                                                                                                                          |
| Further information              | <a href="http://www.beckhoff.com/KL6583">www.beckhoff.com/KL6583</a>                                                                                    |