

## Serie DS LR Transceiver-Modules

**Wireless signal transmission system with high range up to 5 km for digital switch signals (switches, pushbuttons, PLC signals, sensors)**

- Bidirectional transmission of input and output signals
- Each module has digital inputs and outputs
- To start up, no programming required
- Rang up to 5 km in free field depending on to local conditions
- Lincence-free operation within the EU in accordance with EN300220
- Expendable to 36 inputs and outputs per device
- DIN rail module
- Variants for 12 VDC or 24 VDC power supply
- Housing variants on request

### DS LR Transceiver-Modules

- Inputs: Depending on the version up to 36 inputs
- Outputs: Depending on the version up to 36 outputs, 4 of them relay outputs and max. 32 open collector outputs
- Frequency: 868 MHz
- Outdoor range: up to 5 km, depending on local conditions, antenna type, and length of the antenna cable
  
- Power supply: 12 VDC oder 24 VDC
- Power consumption: max. 1000 mW
- IP protection: IP 20
- Temperature range: -20 °C...+50 °C
- Antenna: External SMA connector
- Approvals: CE
- Installation width: Approx 300 mm depending on the configuration

### Diagram DS LR with different tranceiver-Modules

