

02263013



- with DOLD Wireless Safety System
  - **Performance Level (PL) e and category 4 to EN ISO 13849-1: 2008**
  - **Safety Integrity Level (SIL 3) to IEC/EN 61508**
- Safety radio transmission
- User friendly, compact enabling switch for radio controlled safety modul BI 6910
- programmable for
  - Command mode with 4 command buttons or
  - Function mode with max. 10 functions and 2 command buttons each
- with LCD-display to indicate the function settings, battery charging, transmitting e.g.
- Indications of the function settings can be uploaded as „bitmap“
- Protection against unintentional activation
- Speed charging and high battery capacity
- Fast change of frequency
- Pocket for remote control as option

### Additional Information

- Information about the receiver unit you find in the data sheet BI 6910

### Approval and Marking



### Technical Data

#### Radio

Conformity:	ETS 300 220
Carrier frequency:	UHF, frequency modulated (FM)
Frequency:	64 (transmitting power 1mW) or 25 (transmitting power 10mW)
Frequency range:	433.100 ... 434.675 MHz or 434.075 ... 434.675 MHz
HF-power:	< 10 mW (without licence),
integrated aerial distance*):	approx. 150- 200 m under industrial ambient conditions *) approx. 600 m in open area

\*) The distance can vary with the ambient conditions of the enabling switch and the receiver aerial (roof construction, metal walls etc.)

#### Battery

Type:	Lithium-ion
Service life:	min. 500 cycles (charge/discharge cycles)
Charging time:	2 h, bei +20°C (80%) (for completely discharged battery)
Full charging time:	2 h 30 min (100%)

#### Charge capacity

- Normal operation of push buttons:	40 h, at 50% operation and + 20°C
- after 10 minutes charging of discharged battery:	approx. 1 h

The charge capacity of the enabling switch is depending on operation conditions (continuously or temporary utilization, ambient temperature e.g.)

Storage temperature:	-20°C ... +45°C
Charging temperature:	0°C ... +35°C

**Attention!** Slow charging outside temperature range may damage the battery

#### Enclosure

Material:	ABS
Degree of protection:	IP 54
Ambient temperature:	-20°C ... +50°C
Storage temperature:	-20°C ... +45°C
Holder for non-operation:	Charger unit
Weight (with battery):	340 g

#### Dimensions

Width x height x depth:	75 x 93 x 260 mm
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### Standard Type

RE 6910/001

Article number: 0062631

- 64 channels (1-64), max. transmitting power 1mW

### Ordering Example

RE 6910/00\_

- 1: 64 channels (1-64), max. transmitting power 1mW
- 2: 25 channels (40-64), max. transmitting power 10mW

### Accessories

- RE 6910/010: Industrial charger unit
- RE 6910/020: Replacement SIM-Card
- RE 6910/051: Replacement rechargeable battery
- RE 6910/070: Remote control holster for RE5910;  
Material: leather,  
- metal clip to fix it on belt.