



0255382

RE 5910

BI 5910

- 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
 - Category 4 to EN 954-1
 - DIN EN ISO 13850
- Safety radio transmission
- User friendly, compact transmitter
 - for radio controlled safety modul BI 5910
 - for multifunction, modular safety system SAFEMASTER® M
- Comfortable single hand operation
- Options with 4 configurable push buttons or rotational switches for control functions
- With perceptible 2 step push buttons
- With marking space besides the push buttons
- 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 5910

Approval and Marking



Notes

A visible e-stop button must be active all the time.

This means that the e-stop button of the remote control must not be visible when it is inactive. Therefore the charger must be mounted in a way that the remote control is not visible while charging.

Technical Data

Radio

Conformity:	ETS 300 220
Carrier frequency:	UHF, frequency modulated (FM)
Frequency:	64 programmable frequencies
Frequency range:	433.1 ... 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 remote control 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:	20 h, at 50% operation and + 20°C
- after 10 minutes charging of discharged battery:	approx. 1 h
Storage temperature:	-20°C ... +50°C
Charging temperature:	0°C ... +40°C

Attention! Slow charging outside temperature range may damage the battery

Technical Data

Enclosure

Material:	ABS
Degree of protection:	IP 65
Ambient temperature:	-20°C ... +50°C
Holder for non-operation:	Charger unit
Weight (with battery):	240 g

Dimensions

Width x height x depth: 46 x 78 x 143 mm

Standard Type

RE 5910/001

Article number: 0060610

- with 4 2 step push buttons
- without infrared
- with electronic key

Ordering Example

RE 5910/00_

Variant

- 1: with 4 2 step push buttons, without IR
- 2: with 4 2 step push buttons, with IR
- 3: with 4 1 step push buttons, without IR
- 4: with 4 1 step push buttons, with IR
- 5: B1-B3: step push button (BPSV),
B4: rotational switch with auto return (COM3R)
- 6: B1-2: 1 step pushbutton (BPSV),
B3-B4: rotational switch (COM3), with IR
- 7: B1-B2: 1 step pushbutton (BPSV)
B3-B4: rotational switch (COM3),
without IR, with electronic key
- 8: B1-B2: 2 step pushbutton (BPDV)
B3-B4: rotational switch (COM2),
without IR, without electronic key

9114: B1-B3: 1 step pushbutton (BPSV),
B4: rotational switch (COM3R), with IR

others on request

Accessories

RE 5910/010:	Industrial charger unit Article number: 0060616
RE 5910/011:	Power supply for charger AC 230 V (Euro connector) Article number: 0060617
RE 5910/012:	Power supply for charger DC 24 V Article number: 0060618
RE 5910/013:	Power supply for charger AC 230 V (U.K. connector) Article number: 0061323
RE 5910/030:	Set with 6 colour stickers "movements" for 2-step push buttons Article number: 0059660
RE 5910/031:	Set with 90 black and white stickers Article number: on request
RE 5910/033:	Set with 48 white stickers + 48 transparent protection stickers for individual marking Article number: 0059663
RE 5910/051:	Replacement rechargeable battery Article number: 0060621
RE 5910/070:	Remote control holster for RE5910; Material: leather, - metal clip to fix it on belt. - with rings to clip in the personal mounting harness RE 5910/071 Article number: 0060490
RE 5910/071:	Personal mounting harness with elastic straps to carry the remote control in the holster RE5910/070 on the body of the operator. Article number: 0060491

Electrical replacement key

RE 5910/020:	Green electronic key with program Article number: 0060619
RE 5910/021:	Orange electronic key with program Article number: 0060620

Important:

- Please state the following details on order:
- Number of electronic key (6 figure number, noted on page 2 of this manual)
 - Frequency channel, if it should be programmed by manufacturer
 - Time delay for activity control (01-99 sec or 01-98 min)