

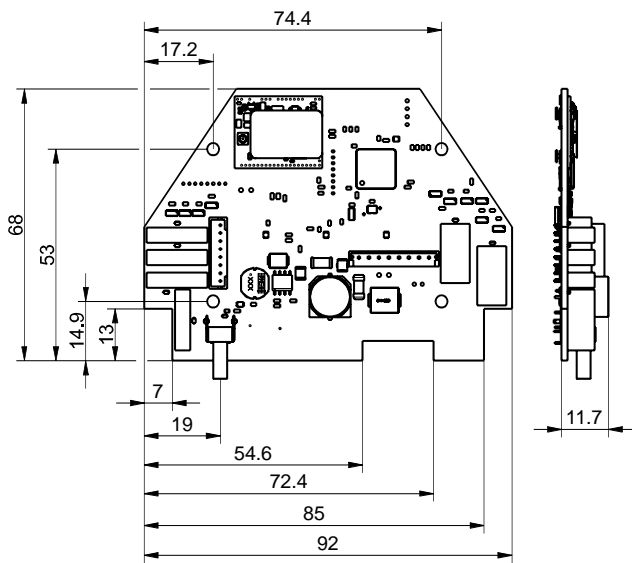


Medical wireless receiver REC SW2.4LE-MED AG43 PCB

Features/Options:

- Wireless receiver for medical applications
- Circuit board for integration in medical device
- 4 digital switching outputs (relay)
- 2 digital validate outputs (relay)
- 1 serial interface (RS 232)

Dimensions



Technical data

Applied standards	IEC 60601-1, ANSI/AAMI ES60601-1, IEC 62304, IEC 60529
Antenna	internal antenna
Frequency	2.4 - 2.4835 GHz
Channel bandwidth	2 MHz
Output power	3 dBm - 7 dBm
Input sensitivity	-93 dBm
HF data rate	1 Mbps
Modulation principle	GFSK, adaptive frequency hopping of 40 channels
Interface data rate	115.2 kBd (UART)
Mechanical life	> 1 million operations
Rated operating voltage U_e	24 VDC
Rated operating current I_e	not activated < 50 mA; activated < 100 mA
Rated operating power P_e	not activated 1.2 W; activated 2.4 W
Outputs	6 potential-free NO contacts: K1-K4 Reed relays, K5 optional Validate relay, K6 Validate relay
Switching capacity	max. 10 W
Switching voltage	24 VAC/DC
Switching current	max. 0.5 A
Wireless range	10 m (typical)
Conformity	Global: cCSAus IEC 60601-1, -1-2, -2-22, -2-43 Europe: CE EN 300 328; EN 62479; EN 301 489-1; EN 62368-1 USA: FCC Title 47 CFR, Part 15 Canada: IC RSS-247, Issue 1 Japan: ARIB STD-T66

Errors and omissions excepted.



Medical wireless receiver REC SW2.4LE-MED AG43 PCB

Note

Since this article is part of a medical product, it can only be validated in combination with the overall system. Proof of conformity to the Medical Device Regulation (MDR 2017/745) can therefore only be handled by the customer marketing the system. At the request of the customer, steute can affix a CE mark with the 4-digit number of the appropriate notified body.