

## Radio Receiver FW55-E The Compact Unit



### Compatible: Radio Transmitter FW50-S, FW53-S



Our keyboard transmitter FW50-S featuring a compact set of functions is the preferred option in combination with our compact receiver FW55-E.



The radio transmitter FW53-S in the execution with up to three drive functions and a maximum of three additional functions can be used together with our compact receiver FW55-E as well.

*The compact radio receiver FW55 - E is equipped with all necessary interfaces to meet numerous standard applications.*

The radio receiver FW55-E distinguishes itself by its extraordinarily compact construction and offers the necessary components to meet the criteria of the category 3 PL d according to EN ISO 13849-1:2006 (two separated emergency stop circuits) making it a really interesting option for low cost applications.

The standard connection is equipped with a 25-pole industrial connector to simplify the installation work.

# Radio Receiver FW55-E

## The Compact Unit

Radio Receiver	
Typ	FW55-E
Output relay	12 (3 A / 250 VAC)
Proportional outputs	none
Field bus (optional)	none
Supply voltage	48 VAC, 110 VAC, 230 VAC, 50/60 Hz, 12 to 24 VDC
Emergency stop	2 x potential-free
Power consumption	≤ 15 VA
IR-release	none
Checkback	none
Frequency range	433,075 to 434,750 MHz / 869,725 to 869,975 MHz
RF sensitivity	-112 dBm for BER ≤ 10 <sup>-7</sup>
Antenna diversity	none
Operational temperature	-20 to +60 °C
Protection class	IP65
Dimensions	160 x 235 x 102 mm <sup>3</sup>
Weight	max. 1,5 kg



- LED indication for receiver status
- 1 output contact with separate feed (e. g. for START release)
- Internal diagnosis interface for the service
- Optional Windows based diagnosis software for parameter adjustment and inspection

## Optional Features



Connection cable



Number of switch channels

### TELETEC

Gesellschaft für  
elektronische Systeme mbH  
Ostendstraße 25 / Haus 3  
12459 Berlin  
Phone: +49 (0)30 5304 19 00  
Fax: +49 (0)30 5304 19 03  
www.teletec-gmbh.de