

## Data Sheet

# Remote Control R13 B Receiver

The R13 B receiver is highly customizable with many features and mounting kits to ensure reliable and safe operation in potentially dangerous applications.

**Features**

- Multiband Radio with Full-Duplex communication
- External LEDs for troubleshooting
- Highly field-customizable
- External removable EEPROM SIM module
- STOP: PLd, Category 3 according to EN ISO 13849-1:2008
- Multi-feedback capability
- 13 digital outputs

**Benefits**

- Easy and fast maintenance
- Frequency management against interferences
- Suitable for all common proportional valves

**Applications**

Industrial lifting and automation



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Comprehensive technical literature is  
online at [www.danfoss.com](http://www.danfoss.com)

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### Technical data

Description	Value
Stop function	Cat. 3-PLd
Ingress Protection rating	IP65/NEMA4
Frequency band	Multiband (400 - 930 MHz)
AC power supply	48 – 230 Vac $\pm 25\%$ (Multivoltage) / 18 – 30 Vac
DC power supply	8 – 36 Vdc
Antenna	Internal
Removable EEPROM	External
Signalling	External
ON/OFF outputs (maximum)	13
Analog outputs (maximum)	N/A
CANOpen, Profibus-DP	N/A
ON/OFF inputs (maximum)	4
Analog inputs (maximum)	1
Maximum output current	8A
Working temperature range	-20 °C to 70 °C (-4 °F to 158 °F)
Weight	1350 grams
Dimensions (LxWxH mm)	245x160x80
Cable connection	N/A
Associated transmitters	T70/1, T70/2, T70/1 ATEX, T70/2 ATEX, IK2, IK3