

Data Sheet

# Remote Control R70 Receiver

The R70 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
- Removable EEPROM SIM module
- STOP: PLd, Category 3 according to EN ISO 13849-1:2008
- Multi-feedback capability
- 29 digital and 8 analog outputs

## Benefits

- Highly field customizable
- Frequency management against interferences
- Fast and easy maintenance
- Suitable for all common proportional valves

## Applications

- Industrial lifting and automation
- Construction and mining vehicles/ cranes
- Industrial vehicles



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

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### Technical data

Specification	Value
Stop function	Cat. 3-PLd
Ingress protection	IP65/NEMA4
Frequency band	Multi-band (400-930 MHz)
AC power supply	48-230 Vac $\pm$ 25% (Multi-voltage) / 18-30 Vac
DC power supply	8-36 Vdc
Antenna	External
Removable EEPROM	Internal
Signaling	Internal
ON/OFF outputs (maximum)	29
Analog outputs (maximum)	8
CANopen, Profibus-DP	Yes
ON/OFF inputs (maximum)	44
Analog inputs	8
Maximum output current	8A
Working temperature range	-20° C to +70° C (-4° F to +158° F)
Weight	2100g
Dimensions	285 x 200 x 110
Cable connection	Yes
Associated transmitters	T70 1, T70 2, T70 1 HALL, T70 2 HALL, T70 1 ATEX, T70 2 ATEX, IK2, IK3, IK4