

Data Sheet

Remote Control R13 ATEX Z2 Receiver

The R13 ATEX Z2 receiver is highly customizable with many features and mounting kits to ensure reliable and safe operation in potentially dangerous applications.

Features

- Multiband radio
- Removable EEPROM SIM module
- STOP: PLd, Category 3 according to EN ISO 13849-1:2016
- 13 digital outputs

Benefits

- High field customizable
- Frequency management against interferences
- Easy and fast maintenance
- Low mechanical risk
- Low electrostatic build-up risk

Applications

- Explosive environments



Comprehensive technical literature is
online at www.danfoss.com



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	N/A
Antenna	External/internal
Removable EEPROM	Internal
Signaling	Internal
ON/OFF outputs (maximum)	13
Analog outputs (maximum)	N/A
CANopen	N/A
ON/OFF inputs (maximum)	N/A
Analog inputs (maximum)	N/A
Maximum output current	8A
Operating Temperature Range	-20° C to +50° C (-4° F to +122° F)
Storage Temperature Range (24h)	-25°C to 55°C (-13°F to 167°F)
Storage Temperature Range (Long Periods)	-25°C to 50°C (-13°F to 131°F)
Relative Humidity	max. 95% without condensation
Weight	1350g
Dimensions	245 x 160 x 80
Cable connection	N/A
Associated transmitters	T70 1 ATEX, T70 2 ATEX

ATEX Marking

- Ex II 3 G D
- Ex ic nA nC IIC T4 Gc
- Ex ic tc IIIC T135°C Dc
- T.amb: -20°C +50°C
- INERIS 14ATEX3013X
- IECEx INE16.0005X