

Data Sheet

Remote Control

MP08A/MP08V Receiver

The R13F receiver is highly customizable with many features and mounting kits to ensure reliable and safe operation in potentially dangerous applications.

Features

- Available for 400-900 MHz and 2.4 GHz Frequency Bands
- External LEDs for troubleshooting
- Removable EEPROM SIM module
- 8 digital and 4 proportional outputs

Benefits

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

Applications

- Construction and mining vehicles and cranes
- Industrial vehicles
- Agriculture and forestry
- Maritime

Comprehensive technical literature is online at www.danfoss.com





Technical data

Specification	MP08A	MP08V
Stop function (400-900 MHz)	Cat. 3-PLd	
Stop function (2.4 GHz)	Cat. 3-PLe	Cat. 4-PLe
Ingress protection	IP65/NEMA4	
Frequency band - ERP	433.050 to 434.040 MHz; ERP<1mW	
	434.040 to 434.790 MHz; ERP<10mW	
	869.700 to 870.000 MHz; ERP<5mW	
	902.000 to 928.000 MHz; ERP<1mW	
	2405MHz to 2475MHz; ERP 20dBm/100mW	
Range Line of sight (guaranteed)	100m	
AC power supply	N/A	
DC power supply	8-35 Vdc (200mA)	
Antenna	External/internal	
Removable EEPROM	Internal	
Signaling	External	
STOP Outputs (400 - 900MHz)	1 (2A)	
STOP Outputs (2.4GHz)	1 (2A)	
Start Output	N/A	
Safety Relay Output	N/A	
ON/OFF outputs	4 (2A per Output)	8 (2A per Output)
Proportional outputs	4 PWM (2.5A per Output)	4 Voltage (20mA per Output)
CAN Bus Protocols	N/A	CANopen
ON/OFF inputs	4	2
Proportional inputs	1	
Response Time	100ms	
Maximum Total output current	7.5A	
Operating temperature range	-20°C to 70°C (-4°F to 158°F)	
Storage Temperature Range (24h)	-25°C to 75°C (-13°F to 167°F)	
Storage Temperature Range (long periods)	-25°C to 55°C (-13°F to 131°F)	
Relative Humidity	max. 95% without condensation	
Weight	300g	
Dimensions (LxWxH mm)	117 x 133 x 36mm	
Tether Connection	N/A	
Associated transmitters (400 - 900MHz)	Ikargo1, Ikargo2, T70 1, T70 2, T70 1 HALL, T70 2 HALL, T70 1 ATEX, T70 2 ATEX, IK2, IK3, IK4	
Associated transmitters (2.4 GHz)	Ikompact, Ikore, IkoreB, Ikargo1, Ikargo2, IK1, IK2, IK3, IK4	

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