

Data Sheet

Remote Control

MP20A/MP20V Receiver

The MP20A/MP20V 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 display for troubleshooting
- Removable EEPROM SIM module
- STOP: PLd, Category 3 according to EN ISO 13849-1:2008
- Multi-feedback capability
- 20 digital and 8 analogue outputs (PWM/Voltage)

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	MP20A	MP20V
Stop function	Cat. 3-PLd	
Ingress protection	IP65/NEMA4	
Frequency band	Multi-band (400-930 MHz)	
AC power supply	N/A	
DC power supply	9-35 Vdc	
Antenna	External/internal (default)	
Removable EEPROM	External	
Signaling	External	
ON/OFF outputs (maximum)	28	12
Analog outputs (maximum)	8 (PWM)	8 (Voltage)
CANopen, Profibus-DP	Yes	Yes
ON/OFF inputs (maximum)	24	
Analog inputs	5	
Maximum output current	2A	20mA
Working temperature range	-20° C to +70° C (-4° F to +158° F)	
Weight	1350 grams	
Dimensions	245 x 160 x 80	
Cable connection	Yes	
Associated transmitters	T70 2, T70 2 HALL, IK2, IK3, IK4	