

RX DC-Mobile



HETRONIC

CENTRAL BAL TIC

TECHNICAL SALES SHEET

- **Receiver Type: RX DC Mobile**
- **Housing:**
Impact resistant polymer composite
- **Weight:**
Up to 710 g (1.6 lbs)
- **Dimensions:**
Height: 131 mm (5.16 in) not including antenna
Width: 166 mm (6.54 in)
Depth: 88 mm (4.46 in) including vibration mounts
- **Environmental Protection:**
IP 65 (Exceeds Nema 12/13)
- **Antenna:**
External via TNC connector
- **Power Supply:**
12/24 VDC +/- 50%
- **Fuse:**
20 A mini blade type
- **Inputs:**
1 Digital limit input
4 Programmable analog/digital inputs (analog at 0-5 VDC, digital at 0/3.3-36 VDC)
- **Outputs:**
4 Programmable PWM/actuator motor/digital outputs
1 MC on/off output at 12/24 VDC, 10 A maximum load
6 Programmable on/off outputs at 36 VDC, 15 A sourced by MC output
2 Digital outputs with external +/- 36VDC, 15A max
1 Digital output with external +/- 36VDC, 3A max
GND side switching capable
1 + 5 VDC, 500 mA e-fused supply output
- **Diagnostics:**
External LEDs, power/operation, TX signal reception, E-stop error, TX signal type
- **Frequency:**
419MHz, 429MHz, 434MHz, 447MHz, 458MHz, 480MHz, 868MHz, 2.4GHz
- **RF Unit:**
Type CS synthesized with multiple frequencies
- **Typical Operating Range:**
Up to 100 m (300 ft)
- **Safety:**
20-bit ADMO address scheme with up to 1 million possibilities
Active and passive stop function
Parity and checksum
Safety Category SIL 3, PLd
- **Temperature Range:**
-25°C ... +70°C (-13°F ... +158°F)
- **Humidity Range:**
0 - 97% maximum non-condensing
- **Response Time:**
Less than 100 msec
- **Baud Rate:**
Up to 9600 bps
- **Standard Features:**
Fully programmable via H-Link
Built-in quick disconnect connector
RS232 cable backup capable
Auto hold of proportional and digital outputs
Quick set programming of proportional outputs
Up to 4 transmitters can control 1 receiver
Vibration mounts

