

RECEIVER

RX BMS-HL



TECHNICAL SALES SHEET

Receiver Type: RX BMS-HL

- **Housing:**
Impact resistant polymer composite
- **Weight:**
Up to 1.61 kg (3.5 lbs)
- **Dimensions:**
Height: 205 mm, (8.1 in) not including antenna
Width: 246 mm, (9.7 in)
Depth: 115 mm, (4.5 in) including vibration mounts
- **Environmental Protection:**
IP 65 (Exceeds Nema 12/13)
- **Antenna:**
External via TNC connector
- **I/O:**
1 CAN interface H-Link fully programmable
1 RS232 serial communications interface for programming and cable back-up
1 USB (programming)
- **Inputs:**
8 Digital/Analog control inputs at 0-36 VDC and/or 4-20 mA
- **Outputs:**
1 MC on/off output 12/24 VDC, 20 A monitored
12 On/off outputs 12/24 VDC, 10 A
8 On/off TTL outputs at 5 VDC
8 Function proportional outputs configurable for PWM or voltage control
- **Power Supply:**
12/24 VDC +/- 50%
- **Diagnostics:**
External LEDs, power/operation, TX signal reception, E-stop error, TX signal type
- **Frequency:**
419 MHz, 429 MHz, 434 MHz, 447 MHz, 458 MHz, 480 MHz, 868 MHz, 2.4 GHz
- **RF Unit:**
Type CS synthesized with multiple frequencies
Feedback ready 1/2 duplex or full duplex
- **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 to +70°C (-13°F to +158°F)
- **Humidity Range:**
0 - 97% maximum non-condensing
- **Response Time:**
Less than 100 msec
- **Baud Rate:**
Up to 9600 Kbps
- **Standard Features:**
Fully programmable via H-Link
Built-in quick disconnect connector
RS232 cable backup capable
Quick set programming of proportional outputs
Vibration mounts

