

# 937164 industrial wireless radio modules by Migro®

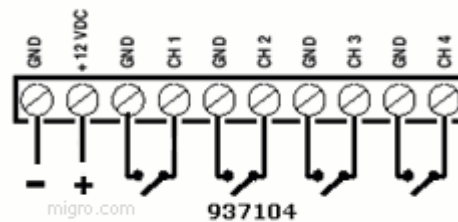
TRANSMITTER FOUR (4) CHANNEL



## Performance

- 10 Miles ( 16 km ) line of sight w Hi-Gain antenna
- 2000 feet (600m) inside partially obstructed
- 16 bit Encoded digital system with 65,536 codes
- Simple DIP switch programming setup
- System is Solar Ready 12VDC operation
- Unlimited transmitter can be added
- Unlimited receivers can be added
- No programming or internet required
- 27 MHz license free section industrial band part 95
- Enclosure: weather-resistant NEMA 4, IP67

Wiring



Specifications	
<b>Operating Frequency:</b>	27.255 MHz
<b>Modulation:</b>	FSK +/- 2KHz encoded EMR
<b>Number of Codes:</b>	65,536, 16 bit
<b>Operating Voltage:</b>	12VDC regulated power source
<b>Operating Current Transmitter:</b>	Standby 15 $\mu$ A, transmitting 2.0 Amps at 12 VDC
<b>Operating Current Receiver:</b>	Standby 30mA, energized 120mA
<b>RF Output Power:</b>	Per FCC part 15.249, 50mV/m @ 3m
<b>Loop Response Time:</b>	500 msec, <b>Transmit Time:</b> 1 second
<b>Antenna Impedance:</b>	50 Ohms SO-239 (optional antenna; 937088, 937099)
<b>Code Transmissions:</b>	Alarm, restore, status, and low battery
<b>Status Report Time Frame:</b>	70 minutes when using with 937016 supervised module
<b>Operating Temperature:</b>	-4° to +140° F (-20° to +60° C)
<b>Compliance:</b>	FCC, CFR part 15.247 ISM, PC board UL796 and UL 94
<b>Weight:</b>	1.0 lbs. (0.454 Kg)
<b>Dimensions:</b>	11.5"W x 8.5"H x 4"D (240 x 230 x 100 mm)
<b>Compliance:</b>	Circuit board UL796 and UL 94 MIL-STD-461E for Electro-Magnetic Interference (EMI) MIL-STD-167B for Vibration

Radio control equipment is not to be used in life safety. Radio Installations shall be performed by a certified professional.

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