

Wireless Radio Control Solutions for Equipment Movement and Operations



PRODUCT SPECIFICATION SHEET

FLEX M RECEIVER

This is Enrange's most versatile radio receiver. The modular design (similar to a PLC) allows one plant to standardize on one receiver, no matter how big or small the application is. Each essential part of a radio receiver is built into identical modules that need to be mounted in a panel or sealed enclosure for industrial applications. Each module is connected by a side connector to make up a system. The first module, or the brains of the system, is the RF/CPU module, next is the power module, then we add how many output (relay or other) or input modules that is needed for the application. LED lights provide diagnostics for each individual module. Each module has up to four removable connectors for easy wiring and replacement of any modules.

Specifications

Size:	(L x W x D) 4.5" x 4" x 1"
Mounting Type:	35mm din-rail
Sealing:	No sealing, requires NEMA enclosure for sealing
Operating Temperature:	-20 - +70 deg C (-18 to +160 deg F)
Input Voltage:	120VAC 4VA
Current Draw:	<500mA
Transceiver:	Yes, unit can transmit and receiver messages
RF Type:	Microprocessor controlled PLL synthesizer, transceiver, 900 and 400MHz band available, multi-channel, <1mW no license required (FCC Part 15). 1W 900MHz available
Output Type:	Mechanical relay 8A@120VAC, analog 0-10VDC
Input Type:	Digital inputs, analog 0-10VDC inputs, serial inputs.
Diagnostics:	LED lights for visual feedback
Security Codes:	+ 1 million standard codes, field selectable or software programmed

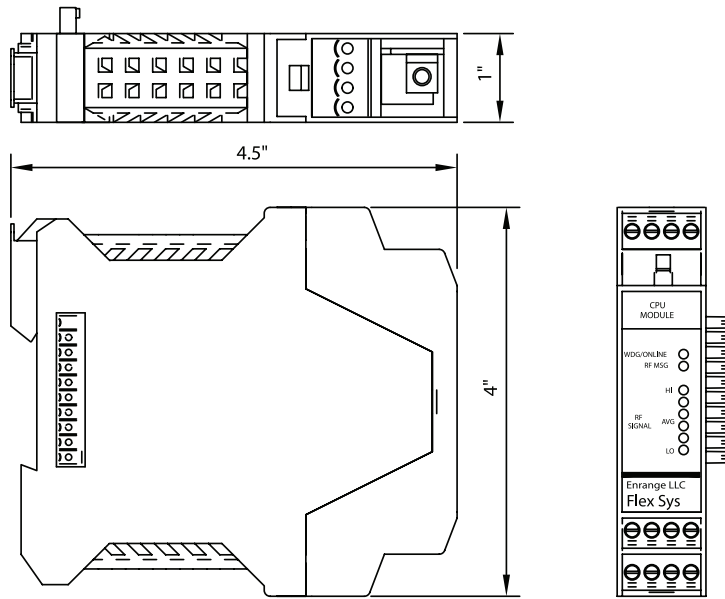
Features

- Very flexible engineered system, choice of I/O and RF power
- System can expand for different applications, ideal for plant wide use
- Small compact design, true modular bus connection
- 35mm din-rail mountable modules
- Several specialized I/O modules available
- "First Come First Serve" communications

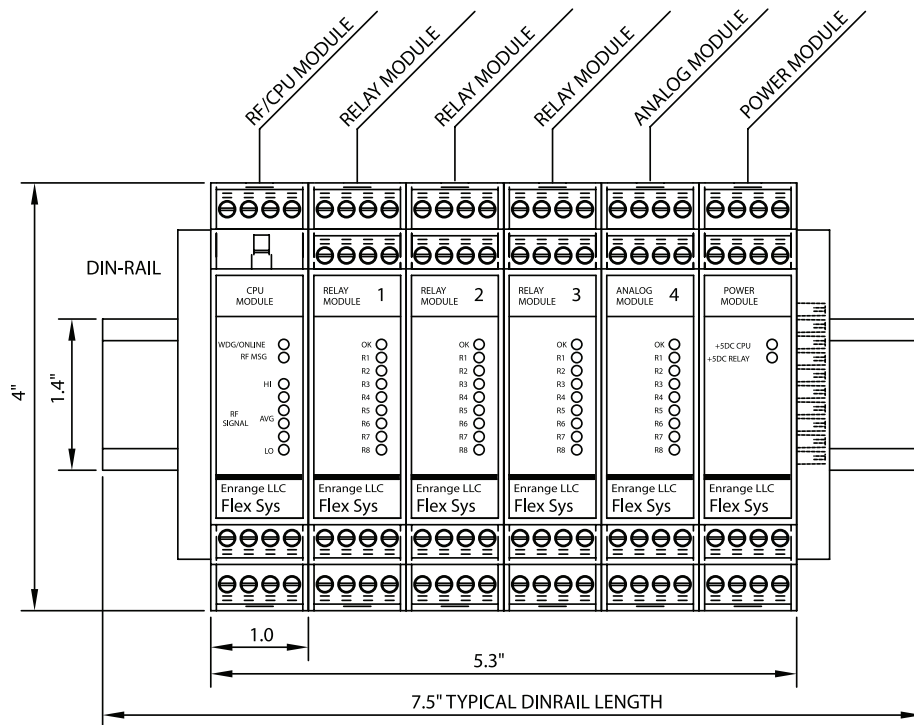
Options

- 12VDC, 24-48VDC or 24VAC power supply
- Feedback option to transmitter display. (machine data)
- High power 1W systems available +2500ft. distances
- Transceiver feature, receive and transmit information
- Accepts digital inputs, analog (0-10VDC) and serial communication inputs.
- Provides both digital and analog outputs
- Custom programming available





TYPICAL MODULE LAYOUT (RF/CPU shown)



TYPICAL SYSTEM LAYOUT



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