RD44 Radio Transceiver Modules

DIN mount transceiver. 4 on/off outputs + 4 analog or digital inputs.



FEATURES

- **Compact Size**
  Compact design with DIN rail or screw mounting tabs integrates easily into control panels.
- **Custom Programming**
  4 x digital on/off outputs plus 4 x analog/digital inputs can be factory programmed for custom control applications. Great for sensor monitoring.
- **External antenna**
  Antenna connection allows cabled antenna options for maximum range.
- **Reliable communication**
  2.4GHz and 900MHz models for long-range reliability.
- **Cost Effective**
  Value priced, simple receiver for controlling up to four loads.

ORDERING INFORMATION

R☐D-44

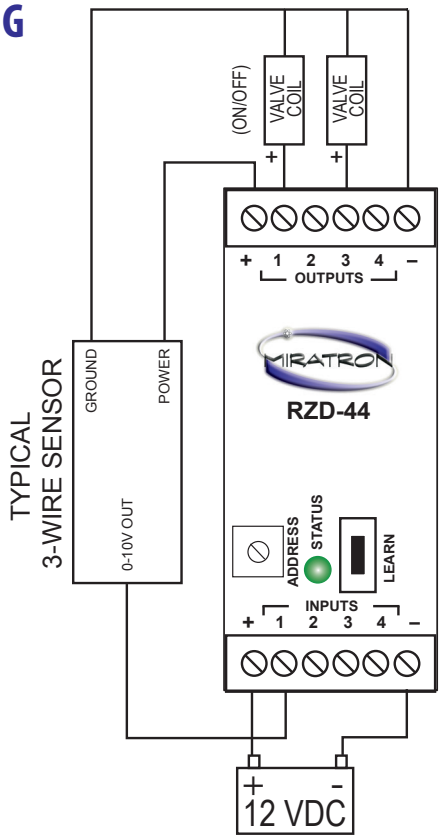
Radio

E	900MHz, Extended range
N	900MHz, Standard range
Z	2.4GHz, Standard range

OPERATION

- **Inputs**
  Four inputs accept 0-30vdc signals. Input voltages up to 10vdc are interpreted as analog signals. Input voltages from 10 to 30vdc are interpreted as digital (on/off) inputs. Inputs may be used for reading joysticks, potentiometers, sensors, switches or other low-voltage DC devices. Input scaling may be specified.
- **Outputs**
  Four outputs can control up to 3-amp loads directly. Outputs are on/off and can be custom factory programmed.
- **Addressing**
  A 16-position rotary switch is provided for applications where multiple transceivers (up to 16) are to communicate. The selector switch allows each transmitter to have a field-selectable unique "ID" number.

WIRING



Consult installation manual prior to installation or service.

SPECIFICATIONS

Power	12 to 24 VDC, 100mA max. plus load current
Outputs	4 outputs. 3 amps max. per channel, 7 amps max total
Inputs	4 inputs. Factory configurable analog or digital. 12-30vdc, Analog: 0-10vdc
Enclosure	Thermoplastic, 75mm l x 35mm w x 50mm h, with DIN/screw mounting clips