

RemoteTRAK™

Select the RM-8DI2 when you need a flexible choice of sinking, sourcing or individually isolated discrete inputs and/or pulse counters

PRODUCT HIGHLIGHTS

- Optical isolation on each channel for best reliability
- Autopolarity for DC sinking, sourcing or AC wiring
- Pulse counters with contact debounce filtering
- One high-speed counter channel to 2 KHz

PERFORMANCE SPECIFICATIONS

- 8 channels
- Nominal input voltage 12/24 VDC/VAC
- Guaranteed ON voltage (note 1) 9 VDC/VAC
- Maximum input voltage 30 VDC/VAC
- Guaranteed OFF current (note 2) 1.5 mA DC
- Guaranteed OFF voltage (note 2) 5.0 VDC
- Input resistance 2.4K Ohms
- Nominal input current @ 24VDC 10 mA
- Filtered ON/OFF delay (note 3) 25 mS (10 Hz counting)
- Max. count frequency (fast mode) 100 Hz (2 KHz on channel 1)
- Channel to channel isolation 500 Volts (w/-U base)
- Isolation from internal circuitry 1200 Volts
- Serial communication information See page 19
- RS485 isolation 1200 Volts RMS 1 minute
- Required supply voltage 10-30 VDC (0.5 watt typical)
- Operating temperature range -30 to 70° C
- Storage temperature range -40 to 85° C
- Humidity (non-condensing) 5 to 95%

Notes:

1. Minimum voltage guaranteed to turn the module ON.
2. The maximum input current/voltage that will not switch the input from OFF to ON.
3. Smart logic ignores transients, power line dropouts and switch contact bounce.

ORDERING INFORMATION

- RM-8DI2- F - Module with field wiring base
- RM-8DI2-U - Module with universal wiring base
- RM-8DI2-M - Replacement module only

All specifications are subject to change. Consult factory for latest info.

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