**NOTES:**

1. 26V Maximum Voltage.
2. Encoder/Sensor and output signal voltages are limited to the input voltage supplied.
   5P Input Signal not available with 5-24Vcc option.
3. TTL, RS422 & RS485 Compatible.
4. TTL, NPN (Sink), PNP (Source), PP.
5. HTL Compatible.
6. NPN (Sink), PNP (Source), PP.

**RX/TXD ORDERING GUIDE**

Blue type indicates price adder options. Not all configuration combinations may be available. Contact Customer Service for details.

### Electrical

**MODEL**
- RXTXD Receiver/Transmitter

**INPUT VOLTAGE**
- V5 5V Only
- V3 5-24V

**ENCODER/SENSOR POWER**
- 5V 5V Only
- 24V 5-24V

**INPUT SIGNAL**
- 5H 5V Differential Driver
- 5N 5V NPN Open-Collector
- 5P 5V Push-Pull S/Ended
- 24H 5-24V Differential Driver
- 24N 5-24V NPN Open-Collector
- 24P 5-24V Push-Pull S/Ended

**FINAL OUTPUT SIGNAL**
- 5H 5V Differential Driver
- 5P 5V Push-Pull S/Ended
- 4H 5-24V Differential Driver
- 4P 5-24V Push-Pull S/Ended

**VERSION**
- 1 Receiver/Transmitter (one set of outputs)
- 2 Receiver/Transmitter (two sets of outputs)
- 3 Receiver/Transmitter (three sets of outputs)
RX/TXD SPECIFICATIONS

Electrical
Input Voltage........5V to 26V Max
Current Consumption........250 mA Typical
Repeater Output
Voltage ..................5V or Vcc
Frequency
Response ..................Up to 800 KHz
Output Current ........30 mA/ Channel Max

Mechanical
Weight ..................250g
Enclosure .................PC/ABS, IP20
Terminal .................Screw Type 30/12 AWG

Environmental
Operating Temp ..........0° C to 85° C

RX/TXD RECEPTOR-TRANSMITTER

Input Signals
A
B
Z

Final Output
Signal 1
A
B
Z

Signal 2
A
B
Z

Signal 3
A
B
Z

Encoder/Sensor

NOTES: 1. All RX/TXD versions can receive, transmit, repeat, refresh, condition, and level change digital signals.
2. All RX/TXD have LED indicator lights that can be used to verify/ test digital signals.