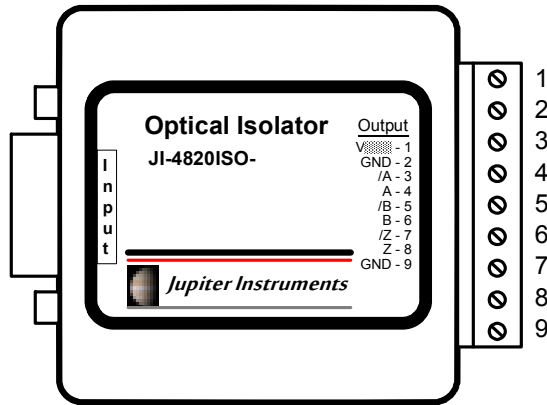




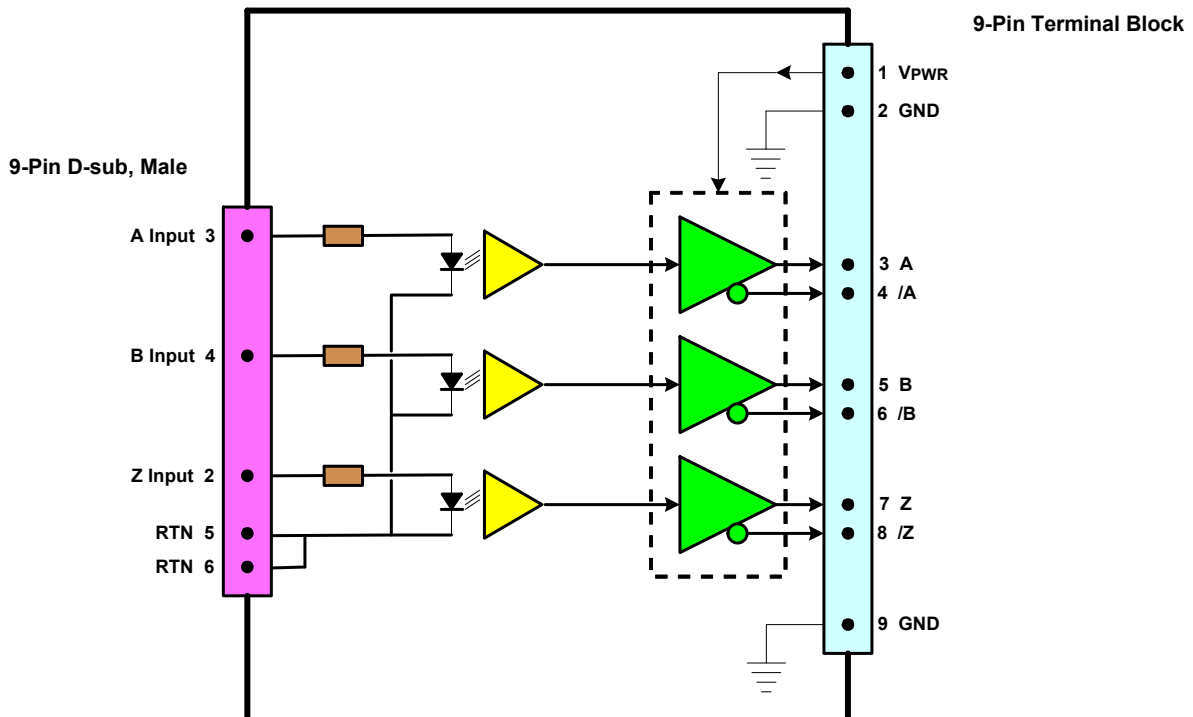
Jl-4820ISO Optical Isolator Module Connection Diagram

1.0 JI-4820ISO Module



2.0 Block Diagram

Jl-4820ISO Block Diagram



3.0 Connectors

3.1 Input

Connector type: 9-pin, male, D-sub

Part Number: Amp L717SDE09P1ACH

Signals:

| Pin # | Direction | Signal Name | Description |
|-------|-----------|-------------|--------------------------|
| 1 | - | - | No connect |
| 2 | Input | Z | Z (Index) Encoder Signal |
| 3 | Input | A | A Encoder Signal |
| 4 | Input | B | B Encoder Signal |
| 5 | - | RTN | GND – signal return |
| 6 | - | RTN | GND – signal return |
| 7 | - | - | No connect |
| 8 | - | - | No connect |
| 9 | - | - | No connect |
| | | | |

3.2 Output

Connector type: 9-pin, Terminal Block

Part Number: Molex 39500-0009

Signals:

| Pin # | Direction | Signal Name | Description |
|-------|-----------|-------------|--|
| 1 | Input | VPWR | Input Power Voltage Range: 5.0 to 30.0V |
| 2 | - | GND | GND – Signal/VPWR Return |
| 3 | Output | A | A Encoder Signal |
| 4 | Output | /A | Inverted A Encoder Signal |
| 5 | Output | B | B Encoder Signal |
| 6 | Output | /B | Inverted B Encoder Signal |
| 7 | Output | Z | Z Encoder Signal |
| 8 | Output | /Z | Inverted Z Encoder Signal |
| 9 | - | GND | GND – Signal/VPWR Return |
| | | | |

4.0 Connection to JI-820 Incremental Encoder Emulator

