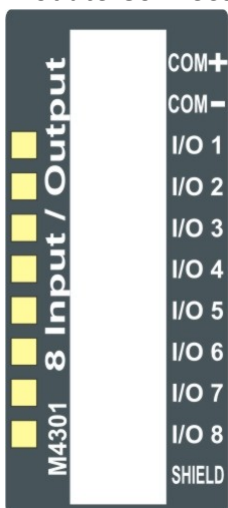


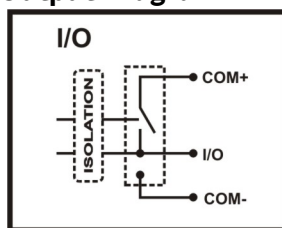
Module Description:

| | |
|--------------------------------|--|
| General | 8 x isolated digital I/O |
| Isolation | >500V from indicator to module |
| I/O Power Supply COM+, COM- | 12VDC to 24VDC Maximum voltage (without damage): 30VDC |
| I/O Input | Input ON: $\geq 8V$ Input OFF: $\leq 3V$ Pulse counting: 300Hz maximum |
| I/O Output | Maximum current (each I/O): 400mA ON voltage drop: 150mV |

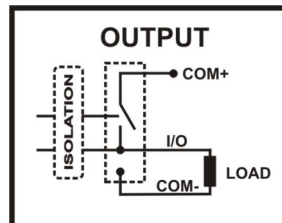
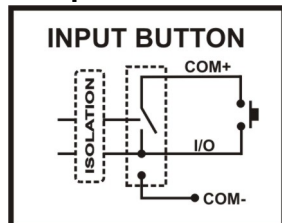
Module Connections



Output Diagram



Example Use: I/O





M4301 SETUP

The indicator should be switched OFF before installing or removing this device.

Modules are configured using the indicator setup. Setup can be done via the indicator keypad or the viewer program. See the indicator Quick Start (P28) or Reference manuals for detailed setup information. An overview of setup for the PT600R is given below.

The indicator provides both configuration checking and testing capabilities for the M4301. This is found in the H.WARE setup menu. See the indicator Quick Start or Reference manuals.

PT600R SOFTWARE SETUP

Input Output Settings

The 8 I/O are configured to be IO1 to IO8 in the PT600R indicator. M4301 I/O override the 2 I/O on the M4401.

Output

(i) Setup. SETP. (Refer to quick start manual for settings)

Input

(i) Setup. FUNC. (Refer to quick start manual for settings)

Testing

(i) Setup. H.WARE. IO.HW. (Refer to quick start manual for settings)

M4301 TROUBLESHOOTING

The M4301 has 8 annunciators which help with troubleshooting. These annunciators are shown as yellow on the Module Connections figure above.

| Problem | Possible solutions |
|---|---|
| Input not working. M4301 I/O annunciator not lit. | Check M4301 I/O power supply (COM+, COM-). Check wiring. |
| Input not working. M4301 I/O annunciator lit. | Check indicator setup (H.WARE:ALLOC). Use indicator test functions (H.WARE:IO.HW). Check if M4301 also connected. |
| Output not working. M4301 I/O annunciator not lit. | Check indicator setup (H.WARE:ALLOC). Use indicator test functions (H.WARE:IO.HW). Check if M4301 also connected. |
| Output not working. M4301 I/O annunciator lit. | Check wiring. |