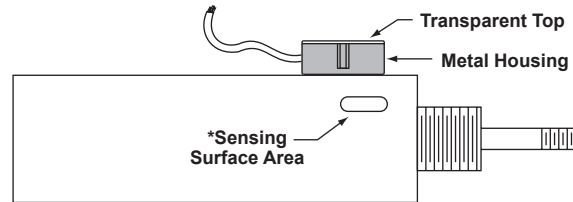
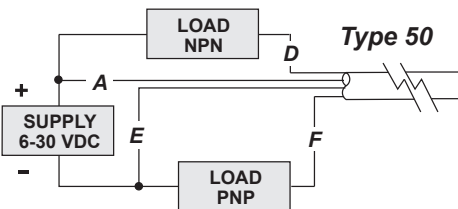
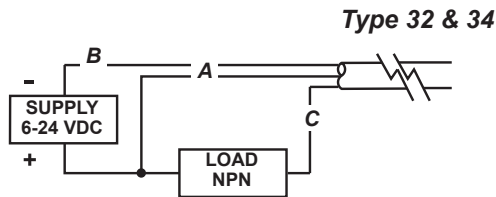
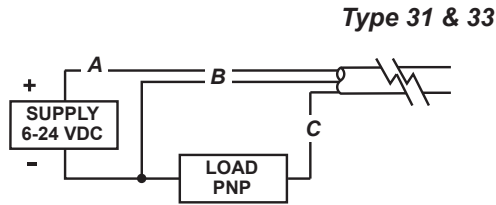
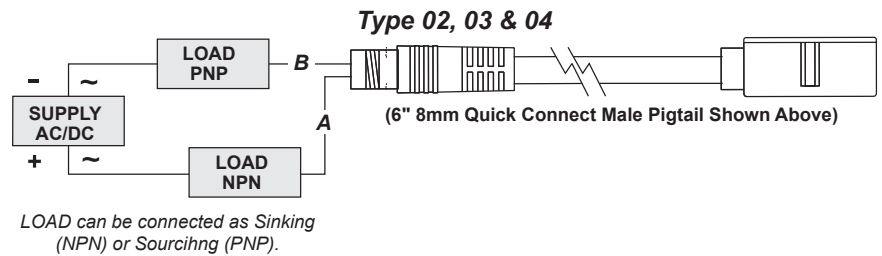
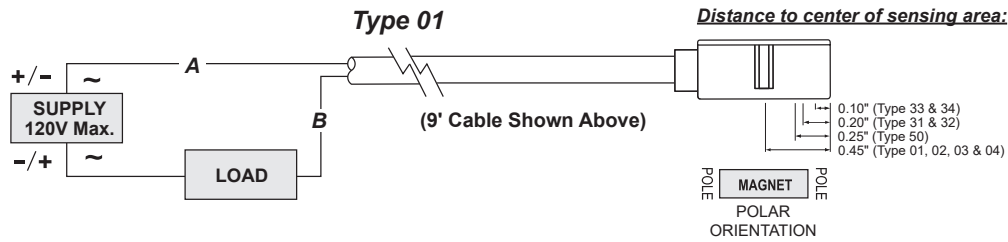


# SERIES 8000 TYPE 01, 02, 03, 04, 31, 32, 33, 34 & 50

## Wiring Diagram



\*Size of sensing area depends upon size and strength of magnet and thickness of cylinder wall.

| Pins            | 8mm  |        | 12mm |        |
|-----------------|------|--------|------|--------|
|                 | Male | Female | Male | Female |
| 3 Pin           |      |        |      |        |
| 4 Pin (Type 50) |      |        |      |        |

| WIRE COLOR CODE |          |                         |
|-----------------|----------|-------------------------|
|                 | 9' Cable | 6" 8mm & 12mm Connector |
| A               | BRN      | BRN = PIN 1             |
| B               | WHT      | BLU = PIN 3             |
| C               | GRN      | BLK = PIN 4             |
| D               | BLK      | BLK = PIN 4             |
| E               | BLU      | BLU = PIN 3             |
| F               | WHT      | WHT = PIN 2             |

| Type | Description                                           | Function                   | Switching Voltage | Switching Current                  | Switching Power | Voltage Drop | ** Magnetic Sensitivity |
|------|-------------------------------------------------------|----------------------------|-------------------|------------------------------------|-----------------|--------------|-------------------------|
| 01   | Reed Switch                                           | Normally Open              | 0 - 120V AC/DC    | 0.5 Amps Max.                      | 10 watts Max.   | 0 Volts      | 85 Ga.                  |
| 02   | Reed Switch & LED                                     | SPST Normally Open         | 5 - 120V AC/DC    | 0.025 Amps Max.<br>0.001 Amps Min. | 3 watts Max.    | 6.0 Volts    | 85 Ga.                  |
| 03   | Reed Switch, LED & MOV                                | SPST Normally Open         | 5 - 120V AC/DC    | 0.5 Amps Max.<br>0.005 Amps Min.   | 10 watts Max.   | 3.5 Volts    | 120 Ga.                 |
| 04   | Reed Switch, LED & MOV                                | SPST Normally Open         | 5 - 120V AC/DC    | 0.5 Amps Max.<br>0.005 Amps Min.   | 10 watts Max.   | 3.0 Volts    | 85 Ga.                  |
| 31   | Electronic for Reed Magnet, LED & Sourcing            | Normally Open (PNP)        | 6 - 24 VDC        | 0.3 Amps Max.                      | 7.2 watts Max.  | .5 Volts     | 85 Ga.                  |
| 32   | Electronic for Reed Magnet, LED & Sinking             | Normally Open (NPN)        | 6 - 24 VDC        | 0.3 Amps Max.                      | 7.2 watts Max.  | .5 Volts     | 85 Ga.                  |
| 33   | Electronic for Reed Magnet, LED & Sourcing            | Normally Open (PNP)        | 6 - 24 VDC        | 0.3 Amps Max.                      | 7.2 watts Max.  | .5 Volts     | 40 Ga.                  |
| 34   | Electronic for Reed Magnet, LED & Sinking             | Normally Open (NPN)        | 6 - 24 VDC        | 0.3 Amps Max.                      | 7.2 watts Max.  | .5 Volts     | 40 Ga.                  |
| 50   | Electronic for Reed Magnet, LED & Sinking or Sourcing | Normally Open (NPN or PNP) | 6 - 30 VDC        | 0.2 Amps Max.                      | 6 watts Max.    | 1.5 Volts    | 25 Ga.                  |

\*\*Minimum Gauss rating required for proper operation as measured at center of sensing area on cylinder surface.

Power Supply Polarity MUST be Observed for Proper Operation (except Type 01).

**WARNING:** Do not exceed ratings. Permanent damage to sensor may occur.