



1 of 1

The **GW-40-59-TRA-A01** device enables monitored sensing devices to be connected to “legacy” motor operators that is designed to use non-monitored NO sensing devices. It is designed such that in any condition where the adaptor does not detect a properly working monitored sensing device the indicator LED will go out and the output relay contact will close and initiate a fault reaction in the operator.

Notes:

- Operating voltage is 24V AC/DC
- The relay has no user-serviceable parts. Any unauthorized modifications will void the warranty.
- To be installed by qualified personnel only, instructions must be read in full before installing the unit.

Operation of Device:

- Connect the supply voltage (24VAC or 24VDC) to the Black and Red wires.
- Connect EITHER a monitored sensing edge with 8.2Kohm ELR to E5 and E6 OR a FRPE or FOPE monitored photo eye to terminals P5 and P6.
- Connect the relay output on the Yellow and Purple wires to the terminals for a NO safety device in the “legacy” operator.
- The red indicator LED on the adaptor indicates that it the monitored device is “Detected and Operational”

Output:

- ✓ If the power is lost to the adaptor the indicator LED will go out and the output relay closes to indicate a fault condition.
- ✓ If a sensing edge is connected and a fault condition occurs the indicator LED will go out and the output relay closes to indicate a fault condition. Normal conditions are (1) adaptor senses the ELR – End of Line Resistor in the monitored sensing edge. Fault conditions are: (1) open connection (2) shorted connection
- ✓ If monitored eyes are connected and a fault condition occurs the indicator LED will go out and the output relay closes to indicate a fault condition. Normal conditions are (1) adaptor senses operational monitored eyes. Fault conditions are: (1) no monitored eye detected (2) shorted connection (3) open connection