

# EOLR-1

## End of Line Supervision Relay

### Specifications

Operating Voltage:	9 to 40 VDC ( 9 to 35 Vrms for unfiltered full wave rectified supplies )
Operating Current:	20 mA max.
Operating Temperature Range:	-22°F to 140°F (-30°C to 60°C)
Storage Temperature Range:	-40°F to 185°F (-40°C to 85°C)
Humidity:	10 to 93% RH non-condensing
Wire Length:	8" min. (203 mm)
Dimensions:	0.91"H x 1.65"W x 1.22"D (23 mm H x 42 mm W x 31 mm D)
Accessories:	Four wire nuts One piece of double sided tape One 1 <sup>1</sup> / <sub>4</sub> " screw
Contact Ratings:	120 VAC 0.5 A max. (resistive load) 30 VDC 3A max. (resistive load)

**NOTICE:** This manual should be left with the owner/user of this equipment.

### General Description

Model EOLR-1 is an epoxy encapsulated single pull single throw (SPST) normally open relay that is activated by 9 to 40 VDC. This relay can be used as an end of line device in fire alarm systems, e.g., to supervise power supplies.

### Mounting

For ease of installation, the EOLR-1 relay may be mounted in a variety of ways. It can be attached to equipment or inside an enclosure using the mounting screw or double sided tape.

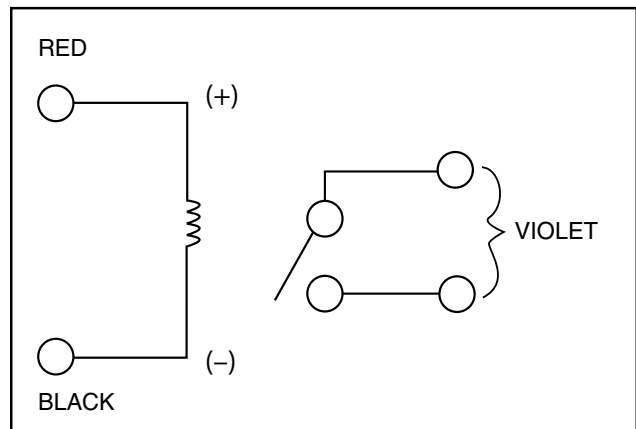
### Wiring

**NOTE:** All wiring must conform to applicable local codes, ordinances, and regulations.

The EOLR-1 connections are shown on the label on the side of the relay. Using the enclosed wire nuts, secure the electrical connections appropriate to the application.

### WIRE DEFINITIONS

- RED POWER INPUT (+)
- BLACK POWER INPUT (-)
- VIOLET RELAY - COMMON
- VIOLET RELAY - NORMALLY OPEN



C0188-01

### Three-Year Limited Warranty

System Sensor warrants its enclosed relay to be free from defects in materials and workmanship under normal use and service for a period of three years from date of manufacture. System Sensor makes no other express warranty for this relay. No agent, representative, dealer, or employee of the Company has the authority to increase or alter the obligations or limitations of this Warranty. The Company's obligation of this Warranty shall be limited to the repair or replacement of any part of the relay which is found to be defective in materials or workmanship under normal use and service during the three year period commencing with the date of manufacture. After phoning System Sensor's toll free number 800-SENSOR2 (736-7672) for a Return Authorization number, send defective units postage prepaid to: System Sensor, Returns Department, RA # \_\_\_\_\_,

3825 Ohio Avenue, St. Charles, IL 60174. Please include a note describing the malfunction and suspected cause of failure. The Company shall not be obligated to repair or replace units which are found to be defective because of damage, unreasonable use, modifications, or alterations occurring after the date of manufacture. In no case shall the Company be liable for any consequential or incidental damages for breach of this or any other Warranty, expressed or implied whatsoever, even if the loss or damage is caused by the Company's negligence or fault. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.