

LEVEL ALARM GAUGES

The Rochester Level Alarm Gauge is a modified version of the senior size Rochester Level Indicating Gauge. The gauge uses a high strength drive magnet especially oriented to actuate the switch at the required point. The switch is enclosed in a sealed replaceable dial chamber.

REED SWITCHES

The reed switch is a small magnetically operated switch. It consists of two flexible metal reeds in a glass envelope. The electrical rating of this switch is relatively low but if these ratings are not exceeded the switches give excellent service and reliability. Reed switches are recommended for driving solid state relays or other low power AC or DC loads.

Below are listed the electrical ratings for standard reed switches:

AC Voltage	0-240 Volts
DC Voltage	0-240 Volts
Current	0-0.5 Amps
Power	0-10 Watts

Electrical ratings vary with part number. Consult individual switch listings to select a switch for specific application.

TRIAC SWITCHES

TRIAC switches are similar in operation to reed switches but have a TRIAC added to increase the electrical ratings. The use of a TRIAC limits these devices to AC ONLY operation. TRIAC switches are recommended for higher power loads such as directly driving solenoids and motor contactors.

Below are listed the electrical ratings for standard reed switches:

AC Voltage	12-230 Volts
Current	0.02-2 Amps
Power	0-300 Watts

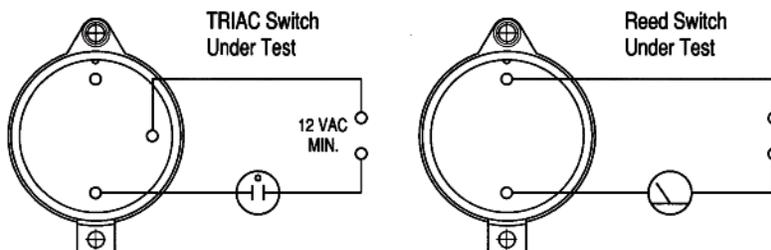
Electrical ratings vary with part number. Consult individual switch listings to select a switch for specific application.

WARNING: This switch is not to be used as the primary means of determining a low fuel condition in any application. It must not be used in the absence of redundant systems in critical applications involving life support, or other applications where there is significant financial exposure in the event of fuel exhaustion.

TESTING

CAUTION: Testing should be done by qualified personnel. Do not exceed electrical ratings during testing.

Reed switches may be tested with an ohmmeter. Since TRIAC switches operate only on AC voltage and require 12 VAC minimum operating voltage they require a slightly more elaborate test. A simple test fixture may be constructed from the diagram below.



NOTE: Inrush current of tungsten filament lamps is 12 to 18 times normal operating current.

Specifications subject to change without notice.