

SIMPLEXER



UL FILE # E101681

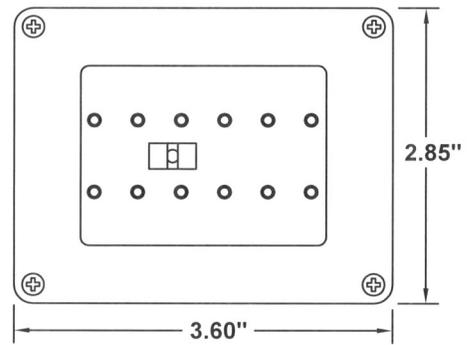
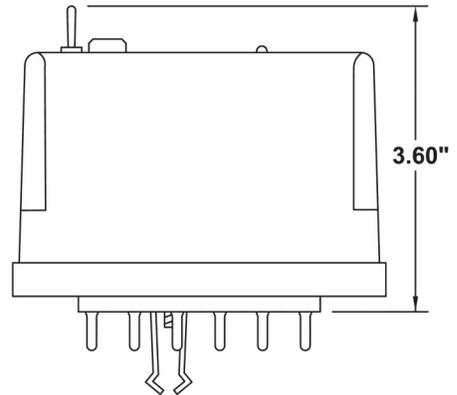


FEATURES

- Float or Conductance Probe Level Inputs
- Level Input Indication
- Pump Call Indication
- High Level Alarm Indication
- Surge Protected Level Inputs
- Level Simulation / Alarm Silence Push-Button
- HOA Switch
- Pump Call Relay
- High Level Alarm Light Relay
- High Level Alarm Horn Relay
- RS232 Serial Port with Modbus Protocol

UL Listed only
When used with
SD12-PC socket.

**MADE IN
THE U.S.A.**

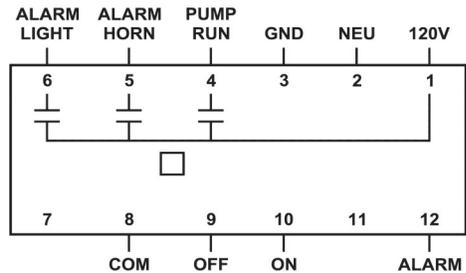


DESCRIPTION

The SIMPLEXER is a low cost SCADA ready pump controller designed to perform level control for simplex lift station applications. The level inputs can be connected to either three float switches or to a conductance probe. LED's provide level input status, pump call status, and high level alarm status indication. Output relays are provided for pump run, high level alarm for alarm light and high level alarm for alarm horn. HOA switch is also provided. Level simulation is accomplished by pressing and holding the push-button. Releasing the push-button allows the simulated level to return to normal. The push-button may also be pressed to silence the alarm horn. Connecting the serial port to a SCADA system allows the lift station to be monitored and controlled remotely. By connecting a programming device to the serial port (MPE p/n TSID), a number of settings may be accessed to customize the unit.

SPECIFICATIONS

Input Power:	120 VAC ±10%, 10 VA max
Relay Outputs:	6 A Resistive @ 120 VAC 3.6 A Inductive @ 120 VAC
Agency Approval:	UL 508, CAN/CSA
Indicators:	LED's
Sensor Output Voltage:	±12 V Square wave
Sensor Output Current:	±1.2 mA max (per sensor)
Operating Temp:	-20 to +60 °C
Storage Temp:	-45 to +85 °C
Enclosure:	Lexan



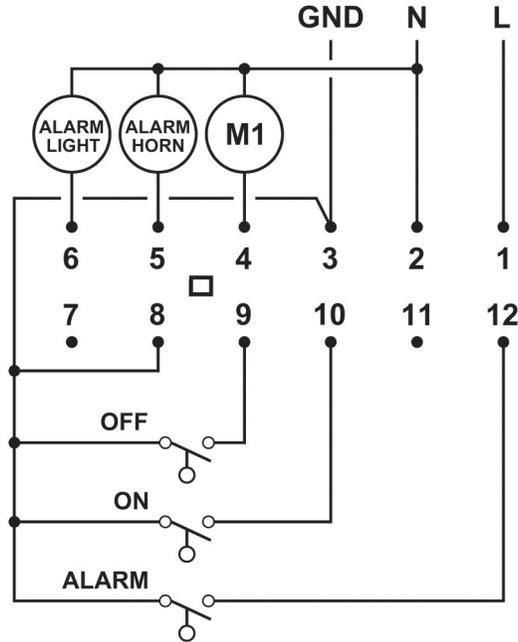
ORDERING INFORMATION

Part Number: 010-120-121P

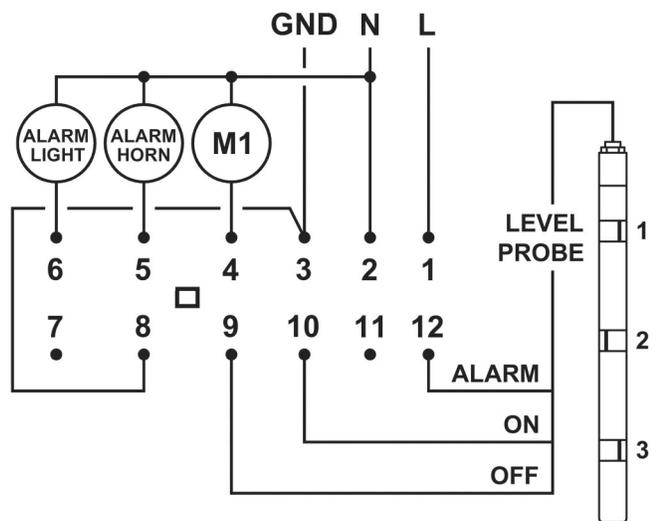
SIMPLEXER

CONNECTION DIAGRAMS

FLOAT SWITCH



LEVEL PROBE



RS-232 SERIAL PORT

