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ITEM # 010-120-122P, DUPLEXER CONTROLLERS

The DUPLEXER (010-120-122P) is a low cost SCADA ready, Modbus RTU Protocol plug-in pump controller designed to perform level control for duplex lift station applications. The level inputs of this dual pump controller can be connected to either four float switches or to a conductance probe. This 2 pump controller provides a 10 second power-up start delay, 5 second lag pump delay, and duplex alternation. LEDs provide power on status, level input status, pump call status, and high level alarm

✚ more

List Price	—
Quote	

Specifications | Features | Additional Description

Specifications   —

Underwriter's Laboratories (UL) File Number	#E101681
Alternating Current (AC) Operating Voltage	120 V
No. of Outputs	2
Alternating Current (AC) Supply Voltage	120 V
Supply Phase	Single Phase

Supply Frequency	50/60 Hz
Output Contact Rating	SPST, 6A
Display Indicator	LED's
Internal Control Voltage at 150 Microampere (µA) Direct Current (DC)	5 V
Enclosure Material	Lexan
Surface Mount Base Material	Lexan
Plug-In Base Material	Rynite
Operating Temperature	-20 to +60 ºC
Storage Temperature	-45 to +85 ºC
Options	R = RS232 Serial Port E = Ethernet Port P = Plug In Base
Socket	SD12PC
Serial Port	D-Sub9 RS232 Connector
Communications Protocol	MODBUS RTU
Switches	Alarm Reset/Level Simulation H-O-A (2) Lead-Lag Select
Level Inputs	Floats or Conductance Level Probe
Indication	Alarm Latched Alarm Level Power On Pump On (2)
Category	Controllers

Features −

- Solid State Circuitry
- Low Power Inputs
- Output Indicators
- Power On Indicator
- High Level Alarm
- Surge Protected Outputs
- Fail Safe Operation
- Time Delayed Outputs
- Internal Latching
- Plug In Base

Additional Description −

Additional Description	The high level status indication latches upon high level, until reset by pressing the reset push-button (the relay does not stay latched). Level simulation is accomplished by pressing and holding the push-button. Releasing the push-button allows the simulated level to return to normal. 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.