Sigma Controls, Inc.
PROCESS CONTROLS AND INSTRUMENTATION

MADE IN AMERICA

100S SERIES SL/OT PUMP SEAL AND TEMPERATURE MONITOR

FEATURES

- **Microprocessor Based**
- **4 Status Indicating LED's**
- **Temperature Switch Input**
- **100 OHM RTD Input**
- **Seal Sensor Input Conductance or Float input**
- **2 10A Relay Outputs**
- **Removable Barrier Terminals**
- **RS 485 MODBUS® Port (Networkable)**
- **User Programmable**
- **Din Rail Mount**
- **110 – 120VAC**

The Sigma Controls 100S series SL/OT is a pump monitor/controller for monitoring the internal temperature and shaft seal of submersible pumps.

♦ Moisture ingression detected by an internal NO/NC float switch or embedded conductance probes. Adjustable sensitivity is provided.
♦ Overtemperature Detected by an internal temperature switch. NO or NC or by a 100 OHM RTD probe. Adjustable set point is provided.
♦ In the event of a power loss while alarms are active, any alarm that was active will return to their active state upon restoration of power.

SPECIFICATIONS

Power Supply	110 -120VAC
Relay Output (2)	@120VAC @30VDC
Input Switch	Open circuit : 5VDC
Temperature Operating Storage	-20°C to +60°C -40°C to 85°C
Relay Life	Electrical 100K cycles Mechanical 10,000K cycles
Termination	Removable screw terminal barrier strip
LED Indicators Pump 1 Leak Fault Leak OK Temp. Fault Temp OK	LED Indicators Red Green Red Green

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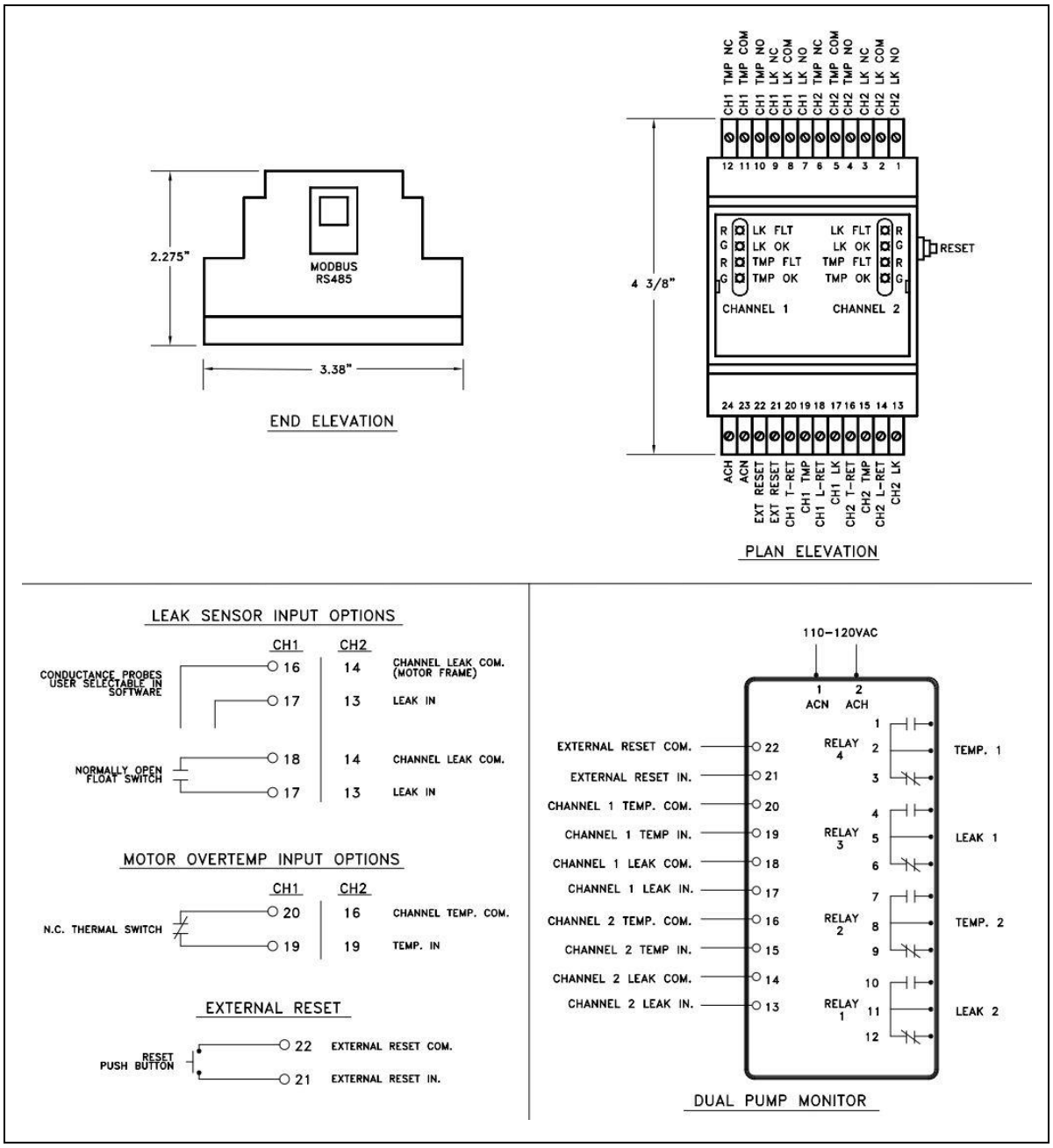
FEATURES

Adjustable Sensitivity for Probes	Utilizes float switch or conductance probes for moisture sensing.
Resettable	Local and remote alarm reset.
Fault Monitoring	Intermittent loss of signal causes alarm indicators to flash between 'fault' and 'OK'.
Status Indicators	LED indicators provide for each control switch each load relay, and alarms.
Alarm Contact Output	10A @ 250VAC 10A @ 28VDC
Din Rail Mounting	And compression screw terminals
RS485 MODBUS® Port	SCADA or networked applications.



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