

PT-100/SOLO TEMPERATURE SENSOR & CONTROLLER



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The GAS MASTRRR series 32 & 32P can be supplied with an optional PT-100 temperature sensor & controller for maximum submersible motor protection.

The PT100 is a precision platinum RTD that is mounts on the side of the submersible motor and provides direct readout of motor temperature. A (3 wire) Teflon jacketed control lead is run from the submersible motor to the above ground SOLO temperature controller located in the SAVVY panel, MCC, or enclosure. The SOLO is a high performance micro-processor based smart temperature indicator/controller with two standard relay outputs for control or alarms. The SOLO has selectable °F/°C temperature readout on the bright 4 digit LED display. Alarm relays have LED indication and programmable trip points.

The PT100 is not approved as motor overload protection. Motor warranty will be void if Factory approved motor overload protection and SYMCOM motor monitoring devices are not installed as required by THE MASTRRR COMPANY.

PT-100 SPECIFICATIONS:

Wire Size: #20 AW (3 wire)
Lead Insulation: Teflon jacket
Lead Length: 30' feet
Temperature Range:
-300 to 450°F (-184 to 232°C)
Output: 0-100 ohm Platinum

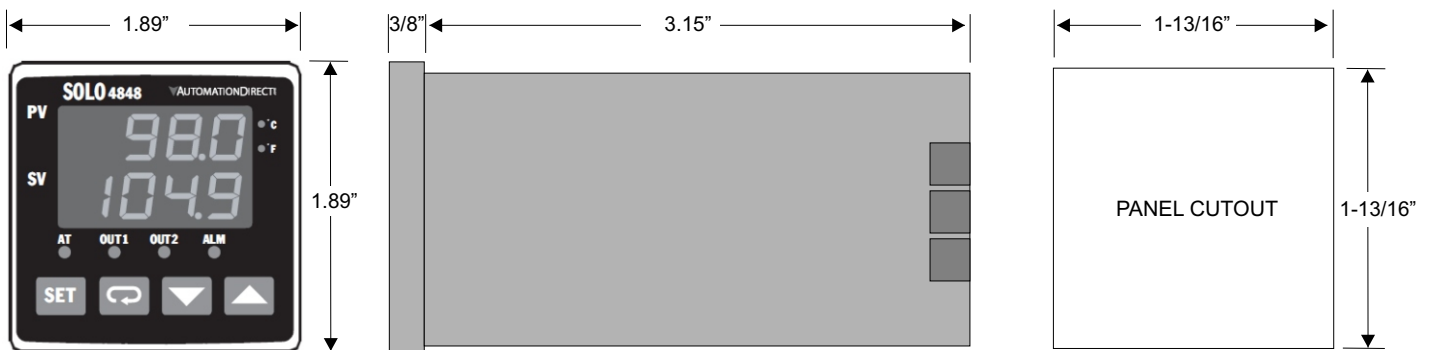


SOLO SPECIFICATIONS:

Power: 120 VAC
Input: #20 AW (3 wire) PT-100
Accuracy: 0.2% of span \pm 1 digit
Operating Environment:
32 to 122°F (0 to 50°C)
Humidity: 10 to 90% non-condensing
Output Relays: 2 - SPST 3A@250VAC



PM24 DIMENSIONS:



The PT-100 & PM24 are proudly made in the U.S.A. and is backed by a 1 year limited warranty.

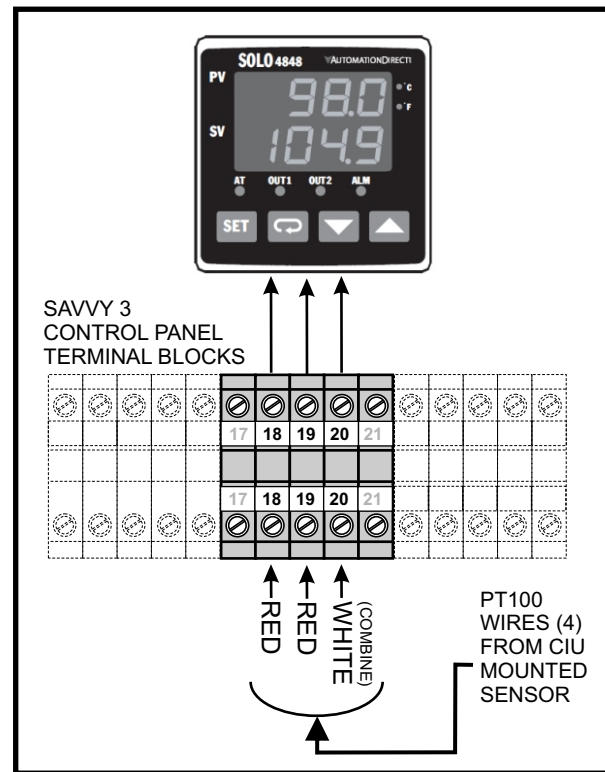
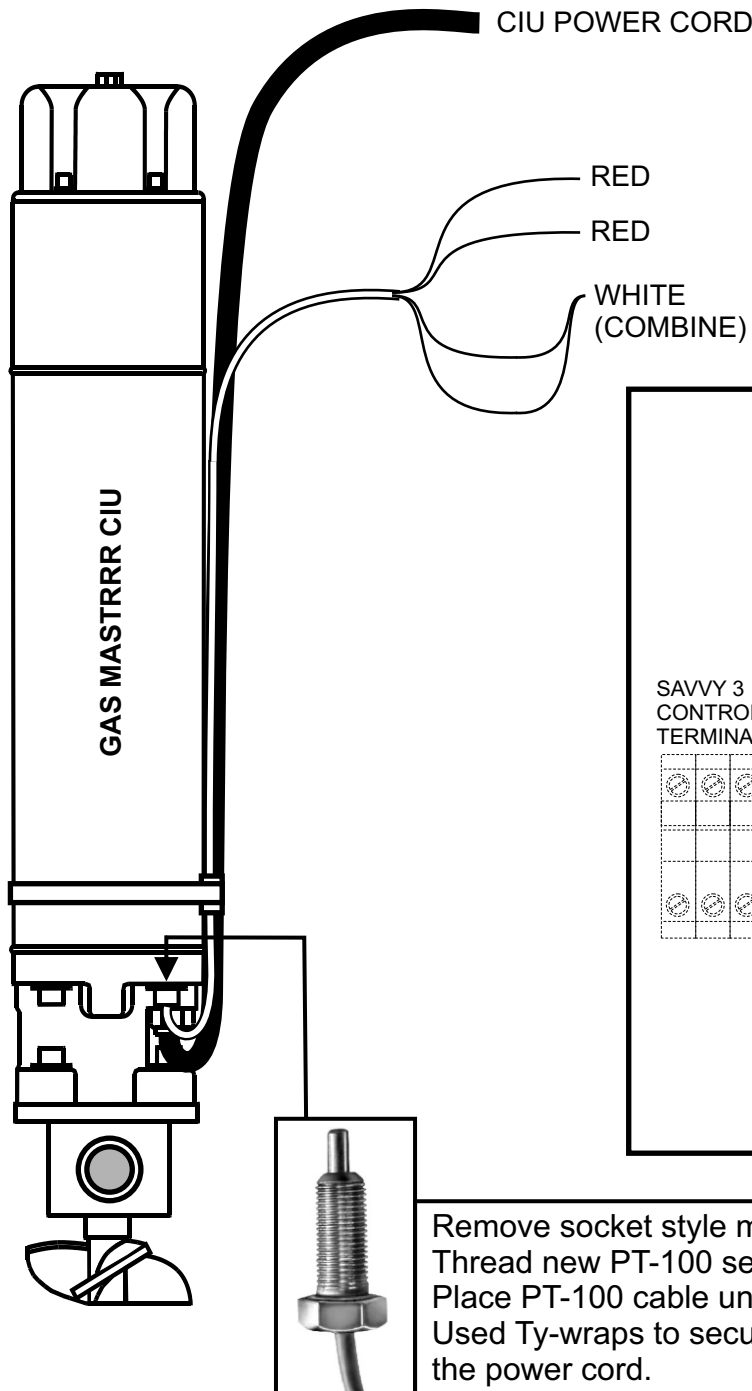
THE MASTRRR COMPANY

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PT-100/SOLO TEMPERATURE SENSOR & CONTROLLER

PT-100/TEMPERATURE SENSOR INSTALLATION @ CIU & W/ SOLO CONTROLLER



Remove socket style motor bolt close to motor power cord. Thread new PT-100 sensor/bolt into motor. Place PT-100 cable under power cord plastic clamp. Used Ty-wraps to secure cable to power cord all the way up the power cord.

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