

RP100 Remote Switch / Pot. Assembly



- ❑ Two versions available
 - .. (top) Sealed Nema 4X, RP101
 - .. (bottom) Standard version RP102
- ❑ Easy to assemble and create your own custom panel

The RP100 switch/pot assemblies are used to create a valve drive control signal to a remoted 24P. The standard 24P01 comes with an integral switch/pot assembled directly to the control board. To create remote operation control order p/n 24P02 and one of the three switch/pot assemblies, RP101, RP102, RP103. A short pigtail cable with mating connector comes with each 24P02. This cable is color coded for easy connection to any of the switch/pot assemblies. The installer can add additional length to the cable.

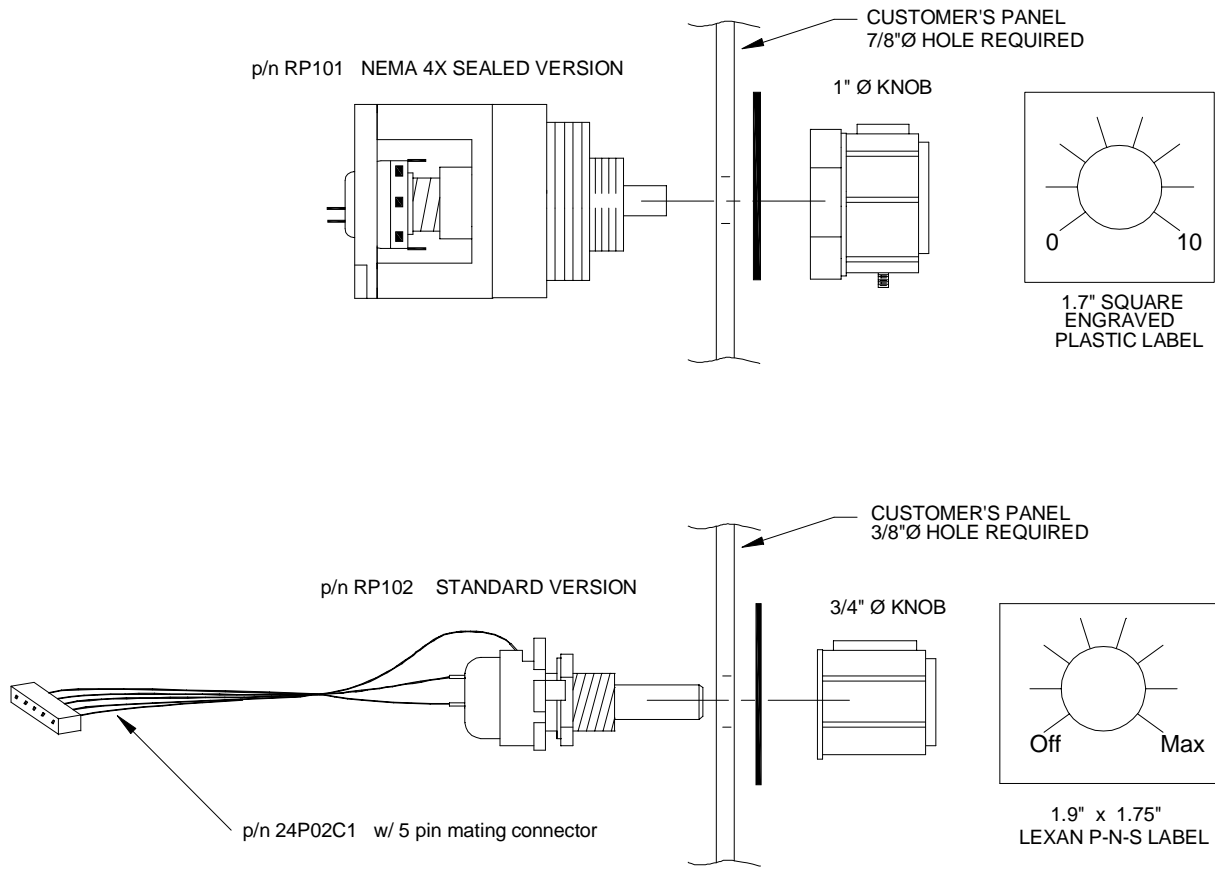
RP101 is a sealed version with a rating of Nema 4X when mounted thru the panel. The **RP102** is a non-sealed version. The **RP103** is a sealed pot without the built-in Off / ON switch. Each unit offers an all metal potentiometer with or without a ganged switch. The switch point is detented at the full CCW position. The pot. wiper is conductive plastic for long life. Each assembly offers a knob and graduated nameplate so the operator can have an easy reference for making speed adjustments.

Specification for the RP101 and RP102:

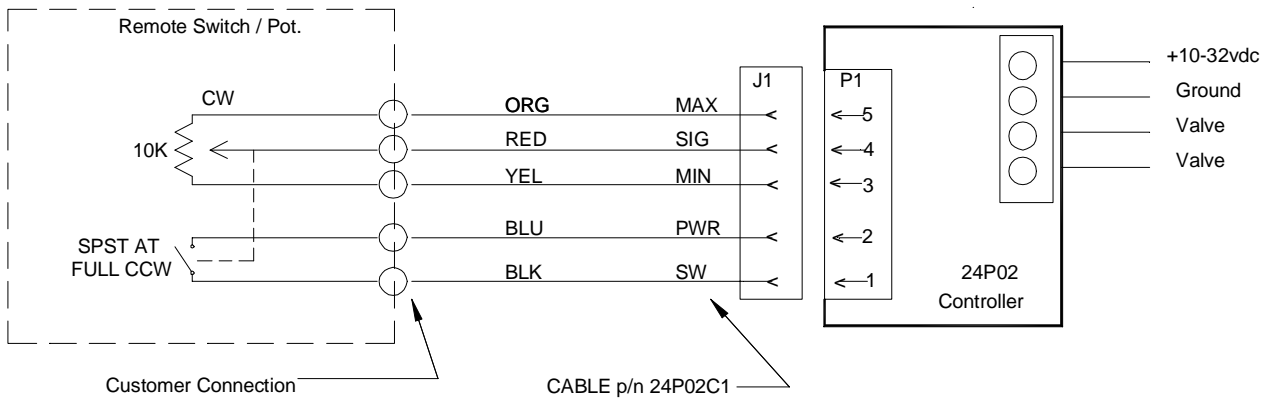
- ◆ Operation -55 to +120 deg C, MIL R-94
- ◆ Switch SPST, detented at full ccw, 12 lb stop torque
- ◆ Pot. 10K ohm, 2 watt, 330 deg rotation, rated 25,000 operations
3/8" bushing, 1/4" dia x 7/8" length shaft, all metal construction
- ◆ Connection five solder lugs

RP101/102

MECHANICAL



ELECTRICAL



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RP103 Remote Panel Pot. Assembly



- ❑ IP65 sealed
- ❑ Pre-wired cable, 6 ft.
- ❑ Includes; knob and decal

The **RP103** Remote Panel Pot. assembly is fully sealed with an IP65 rating. This remote panel pot. is used to create a drive control signal for the 24P proportional valve driver. The RP103 is a single turn pot. with end stops at 340 deg.

The RP103 has no integral switch. The installer therefore must ensure there is a shut-off switch near to the operator.

A 24" five wire pigtail cable with mating connector comes with each 24P02. The installer can connect the RP103 to the 24P02 cable.

Specification:

- ◆ Operating Temperature.....-55°C to +105°C
- ◆ Pot. 10K ohm, 22mm, 340 deg rotation, rated life is 4,000,000 turns
- ◆ Construction.... Aluminum anodized housing, shaft is stainless steel, bushing is nickel plated. Shaft is o-ring sealed and rear lid is epoxy sealed.
- ◆ Mount..... 3/8" bush dia., 1/4" shaft dia x 1/2" shaft length,
- ◆ Connection pigtail cable, 6 ft, 20 ga., 3 conductor, tinned leads, PVC jacketed

RP103E1A

RP103 Remote Panel Pot. Assembly

