



PROMATION ENGINEERING

Precision Actuation for Industry

Resistance Feedback Kits Provide 1k, 5k, or 10k ohm resistance feedback from On/Off/Jog Actuators

Provide your control system or PLC
with resistance position feedback
for improved system control

For On/Off/Jog P1 through P13
series quarter-turn actuators in 24V,
120V, and 230V installations.

1K feedback potentiometer
installed in a
P2-24VDC series actuator

Resistance Based Actuator Position - Mounted on a bracket and securely attached to the geartrain motor plate, the potentiometer accurately reports actuator position to most control systems.

Ruggedboard interface card - Terminal strip connections on the switch card circuit board provides solid screw type connections for outgoing signals.

Resistance Options - Outgoing resistance signals are provided by 1k ohm, 5k ohm, or 10k ohm potentiometers.

Resistance Feedback Kits

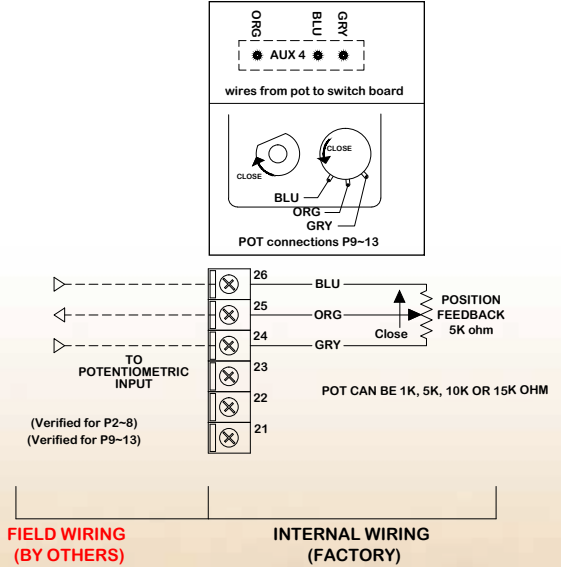
Features:

- Potentiometer provides position information for On/Off/Jog actuators
- Available in 1k ohm, 5k ohm, and 10k ohm.
- Available for 24vac, 24vdc, 120vac and 230vac models



SAMPLE DIAGRAM

Refer to the proper IOM for your actuator for the correct wiring diagram or visit www.promation.com.



Wiring diagram for Position Feedback.

Notes:

- Potentiometer is rated for 1 watt, 300vac maximum
- Be aware of voltage drops over long wire runs

For Product Family	Position Feedback for:	Actuator Voltage	Order Information
P1 24VAC	On/Off/Jog	24vac	Kit-Opt-P1-1K(5K,10K)
P1 24VDC	On/Off/Jog	24vdc	Kit-Opt-P1-1K(5K,10K)
P1 120/230	On/Off/Jog	120vac, 230vac	Kit-Opt-P1-1K(5K,10K)
P1.A 24VAC	On/Off/Jog	24vac	Kit-Opt-P1.A-1K(5K,10K)
P1.A 24VDC	On/Off/Jog	24vdc	Kit-Opt-P1.A-1K(5K,10K)
P1.A 120/230	On/Off/Jog	120vac, 230vac	Kit-Opt-P1.A-1K(5K,10K)
P2-8 24VAC	On/Off/Jog	24vac	Kit-Opt-P28-1K(5K,10K)
P2-8 24VDC	On/Off/Jog	24vdc	Kit-Opt-P28-1K(5K,10K)
P2-13 120/230	On/Off/Jog	120vac, 230vac	Kit-Opt-P213-1K(5K,10K)

Feedback generators cannot be used with Proportional control units.



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