



# PROMATION ENGINEERING

*Precision Actuation for Industry*

## 4-20 Feedback Kits Provide 4-20mA feedback from On/Off/Jog Actuators



Provide your control system or PLC  
with 4-20mA position feedback for  
improved system control

For On/Off/Jog P1 through P13  
series quarter-turn actuators, and  
PA~PD spring return actuators in  
120V installations and select 24V  
installations.

4-20mA feedback  
generator installed in a  
P2-24VDC series actuator

**Potentiometer Based Actuator Position** - Mounted on a bracket and securely attached to the geartrain motor plate, the potentiometer accurately translates actuator position into a discrete analog signal for use in most control systems.

**Ruggedboard interface card** - The circuit board provides user friendly LED indicators and tuning for both the 4mA and 20mA outgoing signals. The board increases the reliability of the product by eliminating extraneous wiring and reducing lugged connections.

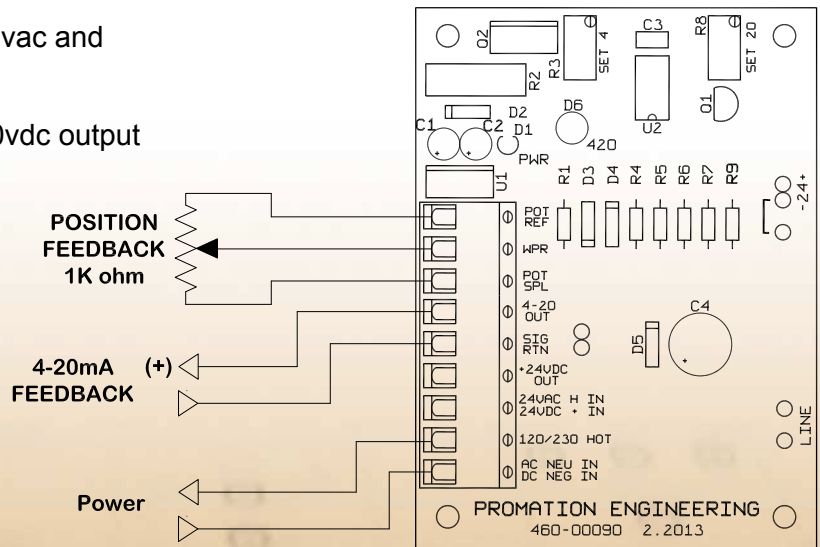
# 4-20 Feedback Kits

## Features:

- Potentiometer provides position information for On/Off/Jog actuators
- Zero and Span adjustments on board for independent 4mA and 20mA signal tuning
- On board LED status indicators
- Available for 24vac, 24vdc, 120vac and 230vac models
- Can also be configured for 2-10vdc output

## SAMPLE DIAGRAM

Refer to the proper IOM for your actuator for the correct wiring diagram or visit [www.promation.com](http://www.promation.com).



Wiring diagram for Position Feedback.

For Product Family	Position Feedback for:	Actuator Voltage	Order Information
P1 24-AC	On/Off/Jog	24vac	Kit-420FB-24A-P1
P1 24-DC	On/Off/Jog	24vdc	Kit-420FB-24D-P1
P1 120/230	On/Off/Jog	120vac, 230vac	Kit-420FB-120-P1
P2-8 24-AC	On/Off/Jog	24vac	Kit-420FB-24A-P28
P2-8 24-DC	On/Off/Jog	24vdc	Kit-420FB-24D-P28
P2-13 120/230	On/Off/Jog	120vac	Kit-420FB-120-P213
PA-PD 24-AC	On/Off	24vac	Kit-420FB-24A-PA
PA-PD 24-DC	On/Off	24vdc	Kit-420FB-24D-PA
PA-PD 120/230	On/Off	120vac, 230vac	Kit-420FB-120-PA

**Feedback generators cannot be used with Proportional control units.**



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