

Feedback Potentiometer P...A GR
For the Non-Spring Return Direct-Coupled Actuators

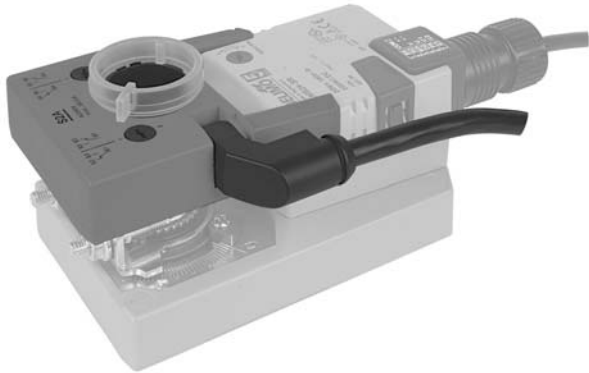


Table with 3 columns: Types, Feedback Potentiometer, and Resistance value. Rows include P140A GR (140 Ω), P200A GR (200 Ω), P500A GR (500 Ω), P1000A GR (1000 Ω), P2800A GR (2800 Ω), P5000A GR (5000 Ω), and P10000A GR (10000 Ω).

Table with 2 columns: Technical Data and P...A. Rows include Resistance values, Output, Tolerance, Linearity, Resolution, Residual resistance, Electrical connection, Humidity, Ambient temperature, Storage temperature, Housing, Housing rating, Servicing, Agency listings, Quality standard, and Weight.

Application
The P...A GR feedback potentiometers are used with LM, NM, AM, and GM actuators to provide a resistive signal which varies with damper position.

The P...A GR units are applied with commercial proportional temperature controllers to provide feedback of the damper position, or with electric or electronic meters to provide position indication. The signal can also be used as a positioner for parallel operation of multiple actuators.

Operation
The P...A GR feedback potentiometers are mounted onto the direct coupled actuator. The switches are modular units that mount directly onto LM, NM, AM, and GM type actuators and are locked into place by guiding grooves on the sides of the actuator.

A driver disk is attached to the actuator handle and offers direct transmission of the actuator position to the micro switch cams.

- Mounting Instructions
- 1. Remove position indicator from actuator.
 - 2. Press down the manual override button and rotate the actuator fully counter clockwise.
 - 3. Place the switch/potentiometer adaptor onto the hex shaft of the handle which is in the center of the valve/actuator coupling.
 - 4. Slide switch onto the actuator using the actuator guiding grooves on the sides of the actuator.
 - 5. Check for correct mating of the adaptor to the switch.
 - 6. Adjust switch dials as necessary.

