

Rotary Position Sensing

SOLID STATE

AP 00285



PRODUCT

- RP-200 Rotary Position Sensor
- SS9 Series Linear Hall-Effect Ceramic
- SS495 Series Miniature Ratiometric Linear

APPLICATIONS

- Pedal position
- Implement position
- Door position
- Lift position

APPLICATION DESCRIPTION

Rotary Position Sensors can be purchased complete with mounting means, actuation means, and an integral connector, or they can be designed by the customer using first level Hall-Effect sensors. First Level hall-effect sensors can be paired with ring or straight magnets, and the rotation of the magnet either toward or away from the sensing element will provide a ratiometric linear output. (The output of the linear Hall device is a function of magnetic field, not distance. Therefore, a head-on mode of operation will not provide a linear output voltage versus distance). Non-contacting approaches to Rotary Position applications provide a long life solution which is excellent for use in harsh environments.