**SHAFT POSITION SENSOR**

*Model SPS*

- 0 - 100% Boiler Firing Rate Signal
- Sensor used by Oxygen Trim, Furnace Draft or other control that require a boiler load index
- 45 to 160 degree stroke input allows installation flexibility

The Shaft Position Sensor (SPS) is a general-purpose feedback pot for applications that require firing rate feedback as a basis for establishing setpoints for other control loops such as oxygen trim or FGR flow.

**Specification**
- **Stroke:** 45 to 160 degree
- **Output:** 1K ohm Potentiometer
- **Enclosure:** NEMA 12
- **Linkage Rod:** 5/16" x 3' linkage
- **Swivel Joint**
- **Connection:** ¼ - 20 threaded

**Ordering Information**
*Model SPS*

![Typical Linkage Assembly](image)

*Shaft Position Sensor Model SPS*