

## Flange Drive Rotary - Slip Ring [ 01278 ]

Sensor Developments, Inc. has created a new high capacity rotary torque sensor for evaluating drive line components. It features a full 30,000in-lbs torque carrying capacity, 150% fullscale overload capabilities, and integral flanges for direct mounting to existing driveline configurations.

Custom flange configurations and other capacities are available.



## SPECIFICATIONS

|                                  |                   |
|----------------------------------|-------------------|
| Capacity.....                    | 30,000 in-lbs     |
| Overload capacity.....           | 150% of F.S.      |
| Output at F.S.....               | 1.1mV/V           |
| Non-linearity.....               | 0.15% of F.S.     |
| Hysteresis.....                  | 0.15% of F.S.     |
| Zero balance.....                | 1.00% of F.S.     |
| Compensated temperature.....     | 70 to 170°F       |
| Useable temperature.....         | -65 to +250°F     |
| Temperature effect on zero.....  | 0.002% of F.S./°F |
| Temperature effect on span.....  | 0.002% of Rdg./°F |
| Bridge resistance.....           | 700 Ohms          |
| Excitation voltage, maximum..... | 20 Vdc            |
| Maximum speed .....              | 35000 RPM         |