The SP2800 series of angle sensors convert angular position into a proportional analog voltage. They utilize Novotechnik’s highly robust conductive plastic technology.

They are ideal for arduous motorsports position feedback applications including Steering angle, Sequential transmission, throttle and suspension measurement.

The housing is special high-grade temperature resistant plastic material. The precious metal wipers are elastomer damped for reliable contact under severe working conditions.

The SP2800 is sealed to as high as IP 67, making it insensitive to dirt and moisture.

Electrical connections are via independent wires, which are sealed into the housing.

The sensor is mounted via slots which allow easy mounting and mechanical adjustment.

An optional backlash-free “push-on” shaft coupling provides fast and easy installation.

Special models with different electrical travels and shaft dimensions are available.
Important

All values given for linearity, lifetime and temperature coefficient are derived with no electrical load on the wiper (I ≤ 1µA).

Recommended accessories
MAP - processor control indicator, with display MUP / MUK - signal conditioners.