



The Smart Laser Sensor (SLS) is an internal battery-powered optical speed sensor utilizing a visible Class 3R Laser for a TTL pulse output. Operating range up to 65 feet (19.8 m) with reflective tape and up to 3 feet (1 m) from contrasting color targets, keyways, bolt heads or blades.

Features:

- "Smart" auto gain provides best performance in picking up target reflections
- Manual sensitivity knob provides dynamic fine tuning of sensor response
- TTL pulse output signal inverter switch
- Signal/Pulse/RS232 Output DIN connector port
- External DC power/recharger port for continuous operation (24/7)



Ordering Information

Model	Description	Part No.
SLS 115/230	SLS with 115/230VAC universal power supply/recharger, BNC cable, 12" of T-5 tape, and NIST Certificate	6180-022

[Accessories available on website](#)

[For details, see SLS webpage.](#)

Specifications*	SLS Sensor
Optical	Class 3R (per IEC 60825-1) visible laser 650nm @ 3 mW peak power
Operating Range	Up to 65 ft. (19.8 m) from T-5 reflective tape
Speed Range	1-500,000 RPM
Output Signal	TTL 0-5 or 5-0V user-selectable polarity, R232
Operating Temp	32° to 104°F (0° to 40°C)
Dimensions	5.38 x 2.53 x 2.25 in. (13.67 x 6.42 x 5.72 cm)
Power	Internal 4 AA rechargeable NiCd 700 mAh batteries

*Specifications are subject to change without notice.