

Small Remote Sensor Head for Confined Area Applications

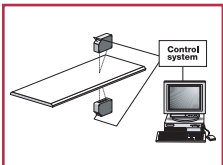
- High speed PSD-based triangulation principle
- Sophisticated fast automatic light control for varying surfaces
- Analog and digital outputs
- Rugged industrial packaging
- Connect to Optocator™ or SLS controller
- Ideal for limited space applications
- Sensor & controller factory calibrated as matched pair for optimized performance

Options & Accessories

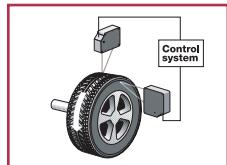
- User selectable averaging from 1-1024 values for resolution improvement
- Class II or IIIb laser diodes
- High-speed Optocator™ controller (up to 64 kHz sampling rate)
- +24 VDC power supply unit
- Smart sensor software inside technology for OEMs

Technical Specification

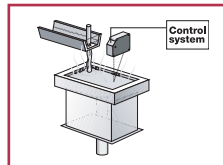
Model Number	Measurement Range (MR)	Stand Off (SO)	Offset Distance (OD)	Resolution (Worst Case) <small>Note 1</small>	Resolution (Typical) <small>Note 2</small>	Linearity	Triangulation Angle at SO	Spot Size at SO
SLS 2401 20/50	mm 20 in. 0.79	50 1.97	40 1.57	0.005 0.0002	0.0005 0.00002	0.01 0.0004	25 deg.	0.055 0.0022
SLS 2401 50/80	mm 50 in. 1.97	80 3.15	55 2.17	0.0125 0.0005	0.00125 0.00005	0.025 0.0001	16 deg.	0.090 0.0035



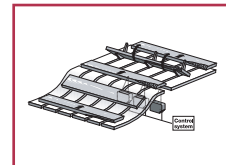
Thickness Profiling



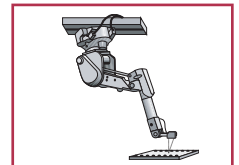
Tire Measurement



Level Control



Wane Detection



Seam Finding