



RPM SENSORS

Product Description

OUR Optical Speed Sensors include an integral Digital/Analogue converter to provide an analogue output for RPM ranges up to 60,000 RPM. These sensors are designed for general speed monitoring of rotating machinery and wheels. The analogue output is updated once per resolution, making it suitable for high speed applications with a rapid variations in speed. These sensors have a 0-10,000 RPM range and 0-3V output, the VLS-DA1 has optional ranges of 6,000 or 60,000 with a 0-6V output ranges.

Product highlights

- Rapid response to speed change – output is updated once per resolution.
- Linear voltage vs speed output
- Wide angle of incidence ± 80 deg
- Contact Adaptor available
- Easy installation
- Rugged Glass filled nylon housing.
- Mounting brackets available
- On Target indicator standard



TSM

Performance¹	
Optical Range	50-2000mm
Overall Angle	±80° degree to reflective marker
Light Sources	Red spot Laser Class II 635nm
Speed Ranges (RPM)	Range: 0-60,000
Analogue Output	0 - 6vDC
Accuracy	±0.75%
Resolution	±1.5mV
Output update rate	Once per resolution
On target indicator	Standard Green LED
Power requirements	7.5-15vDC
Connections	5 core cable 3m, 10m or 15m

