

Laser Optical Sensor

Datasheet

Improve the performance of your equipment with original accessories.



Laser Optical Sensor

Laser Tachometer designed in high-resistant nylamid integrating a voltage regulator, amplifier and anti-aliasing filter.

Its laser beam allows you to measure with high precision the RPM of any rotating parts located up to 5m from the sensor.

Easy-to-use and easy-to-install, it includes protection against short circuits, over-voltage supply and voltage inversion. Designed for indoor and outdoor uses.



Technical Specs

Output	Digital
Range [Hz]	1 - 5000
Operation distance	Up to 5 m
Power supply [V]	5 V
Current [mA]	< 30
Voltage drop [V]	< 0.4
Short circuit protection	Yes
Reverse Voltage protection	Yes
Over-Voltage protection	15 V - 1 minute
Operation Temp [°C]	-10 - 50
Storage Temp [°C]	-40 - 85
Protection grade	IP 60
Impact resistance	IEC 60028-27:
Material	Nylamid
Weight	28 g
Accessories (optional)	Magnetic base. Extension cable up to 100 m
Connector configuration	1: VCC 5V, 2: Data, 3: NC, 4: NC, 5: Gnd



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