

**WARNING**



• When mounting or demounting the detector, be sure to check that the engine is stopped beforehand. Working with the engine rotating is very dangerous; it may cause your clothes and/or hands to get caught or pinched.



• The engine is very hot immediately after it is stopped. When mounting or demounting the detector, be sure to check that the engine is sufficiently cooled. Mounting or demounting the detector while the engine is hot is very dangerous; it may cause burn injuries.

**Overview**

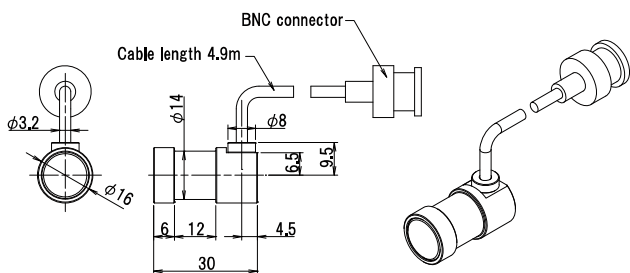
The Motor/Engine RPM Detector OM-1500 can detect the rotation speed by detecting magnetic flux leakage from the motor, alternator, or the ignition system of engine.

By mounting the Motor/Engine RPM Detector OM-1500 to the alternator and combining it with the Diesel Engine Tachometer GE-2500, the rotation speed of a diesel engine can be measured.

**Specifications**

Detection method	Magnetic flux leakage detection
Applicable engine, motor, etc.	Gasoline engine, diesel engine, synchronous motor, alternator
Operating temperature range	-10°C to 100°C
Mass	130g (including cables)

**Dimensional Outline Drawing**



**Warranty**

- This product is covered by a warranty for a period of one year from the date of purchase.
- Even during the warranty period, the following cases will be handled on a fee basis.
  - Failures or damages occurring through misuse, misoperation or modification
  - Failures or damages occurring due to mishandling (dropping) during transportation after purchase
  - Failures or damages occurring due to natural calamities (fires, earthquakes, flooding, and lightning, etc.), environmental disruption, or abnormal voltage
  - Replenishment of expendable supplies, spare parts, and accessories.
- For repairs after the warranty period expired, contact your dealer or Ono Sokki sales office nearby.

**Omission of Issuance of Certificate**

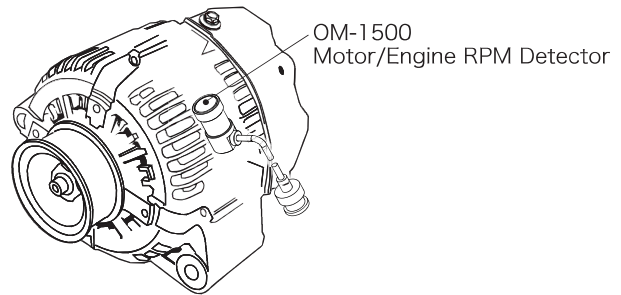
This product has been tested under strict inspections for normal operation before shipment. Please note that the issuance of certificate is omitted.

**Measuring the Rotation Speed of Engines**

- Gasoline engine and diesel engine:  
Refer to the next section for how to mount the Motor/Engine RPM Detector OM-1500 to the alternator. When using this measurement method, always combine the alternator with the Diesel Engine Tachometer GE-2500.
- Gasoline engine with flywheel magneto:  
Look for a measurement location near the magneto.

**Mounting to the alternator**

As shown in the following drawing, mount the Motor/Engine RPM Detector OM-1500 in such a way that the longitudinal direction of the detector comes into contact with the circumferential direction of the alternator.



**CAUTION**

- Be sure to secure the detector using a hose band or clamping band to keep the detector from falling.



**CAUTION !**

- Depending on the alternator type, stable detection may not be obtained. In such a case, change the detector mounting location or orientation and look for a location where detection can be stable.
- To obtain the engine rotation speed based on the alternator rotation speed, use the pulley ratio for conversion. The Diesel Engine Tachometer GE-2500 has a built-in conversion function.

**For measuring rotation speed of a motor**

In the same way as mounting to the alternator described before, mount the Motor/Engine RPM Detector OM-1500 in such a way that the longitudinal direction of the detector comes into contact with the circumferential direction of the motor.

**CAUTION !**

- Depending on the motor type, stable detection may not be obtained. In such a case, change the detector mounting location or orientation and look for a location where detection can be stable.

**Ono Sokki tachometers that can be combined with the Motor/Engine RPM Detector OM-1500**

- Diesel Engine Tachometer GE-2500
- Advanced Tachometer FT-2500
- Advanced Handheld Tachometer FT-7200
- Handheld Digital Tachometer HT-6200

**WORLD WIDE**

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