

Crankshaft Position Sensor for Engine Management Systems

This crankshaft position sensor monitors the position and rotational speed of the crankshaft. It provides data to the engine management system for controlling ignition timing and fuel injection.



Product Overview

Precision Engine Management

This crankshaft position sensor is a critical electronic component designed to monitor the rotational speed and precise position of the engine's crankshaft. By providing essential data to the engine management system, it enables accurate control over ignition timing and fuel injection processes. This ensures optimal engine performance, reliable starting, and efficient operation across various driving conditions.

Technical Specifications

Primary Function	Determines crankshaft angle and engine speed
System Integration	Engine Management System, Ignition Timing Control, Fuel Injection Synchronization
Operating Principle	Magnetic pickup with toothed wheel detection

Troubleshooting

Common Failure Symptoms

- Difficulty starting
- Engine stalling
- Misfiring