

# Camshaft Position Sensor for Engine Timing

This camshaft position sensor is designed for accurate engine timing and optimal performance. The sensor provides reliable data to the engine control unit (ECU) for efficient fuel injection and ignition.



## Product Overview

### Precision Engine Timing

This high-precision camshaft position sensor is engineered to ensure accurate engine timing and optimal vehicle performance. Utilizing the Hall principle, the sensor scans the camshaft ring gear to detect rotational changes, transmitting critical voltage data to the engine control unit (ECU). This reliable data stream is essential for maintaining efficient fuel injection and ignition timing under diverse operating conditions.

## Technical Specifications

Operating Principle	Hall Effect
Core Function	Scans camshaft ring gear to detect rotational changes
Data Transmission	Hall voltage variation to ECU

## Certifications

Quality Assurance	Quality Assured
Quality Certifications	ISO 14001, TS 16949, TUV