

Engine management

Camshaft speed sensor



BOSCH
Invented for life

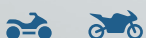


Product benefits

- ▶ High measurement accuracy
- ▶ Large air gap range
- ▶ Rapid-start capability with TPO function
- ▶ Compact and robust design, small sensor diameter
- ▶ High electromagnetic compatibility
- ▶ Resistant to mineral-based oils
- ▶ Can be installed in various positions

- 1** Mounting flange
- 2** Sensing unit
- 3** Connector

Vehicle segments



clean and economical

The camshaft speed sensor helps **reduce emissions and fuel consumption**.

Task The camshaft speed sensor measures the position of the camshaft. Due to its accurate measurements, the sensor allows for exact injection and a precise and variable positioning of the camshaft. This improves performance and reduces emissions.

Function The camshaft sensor is designed as a non-contact Hall sensor. Due to the true power-on function (TPO), the sensor is quick-start capable: it provides position information immediately after engine start.

Technical characteristics

Technology	single-Hall
Power-on function	true power-on (TPO) for rapid-start capability
Installation	various positions possible
Temperature range	up to 150°C (max. 250 h at 160°C)
