

SPEED SENSOR



TRANSMISSION EFFICIENCY

Optimize the equation comfort /
pleasure / consumption



TECHNOLOGY HALL

Application description

This sensor provides critical speed information necessary for the system to control gear shifts in accordance with optimizing of vehicle fuel consumption, performance, and comfort.

This sensor can be used in automatic or semi-automatic transmission applications:

- ▲ ISS (Input Speed Sensor)
- ▲ TSS (Turbine Speed Sensor)
- ▲ OSS (Output Speed Sensor)

Technical characteristics

- ▲ High level of repeatability - High accuracy sensor
- ▲ Digital output with speed and direction detection as an option
- ▲ Compatible with various target wheel design (specific target wheel or in-transmission gears)
- ▲ Robust detection over sudden airgap changes, temperature, metallic dusts
- ▲ High vibration immunity features with passive and active mechanism
- ▲ High output protocol flexibility
- ▲ 2/3 wires option available
- ▲ Integrated or pig tail connector option
- ▲ EMC full compliant
- ▲ Diagnostic feature embedded (for 2 and 3 wire output)