



## JAQUET TURBO SPEED SENSOR FOR COMMERCIAL AND OFF-HIGHWAY VEHICLES

A robust turbocharger speed sensor specifically designed for commercial vehicles

JAQUET HMS-5 DSE 0805

### Features

- A longer shaft design for larger turbos with high temperature and demanding conditions
- Customizable cable and connector assembly

### Application

Turbochargers, all types

### Technology

Passive Eddy Current / Blade Pass Technology

### Function

Sensor counts passing compressor blades to determine the speed of the turbo

### Specifications

#### Operating Temperature

**Sensor Head** -40 to +230°C

**Cable** -40 to +260°C

**Electronics** -40 to +125°C

#### Output Signal

**Signal** Digital Square Wave

**Speed Detection Range** 5'000 - 400'000 rpm  
(application specific values might vary)

#### Dimensions

**Shaft Length** 47.5 mm

**Diameter** Shaft 8.2 mm, tip 6 mm

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