



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

A high temperature turbo speed sensor for demanding CV applications

## JAQUET ATS-1 DSE 1010

### Technology

Variable Reluctance / Shaft target Technology

### Function

Sensor measures a rotating machined flat (or ferromagnetic target) On turbo shaft to determine the speed of the turbo

### Specifications

#### Operating Temperature

**Sensor Head** -40 to +300°C

**Cable** -40 to +260°C

**Electronics / Connector** -40 to +125°C

#### Output Signal

**Signal** Analog Sine Wave

**Speed Detection Range** 8'000 - 400'000 rpm  
(application specific values might vary)

#### Dimensions

**Shaft Length** Various sensor shaft lengths

**Diameter** 8.4 mm

### Features

- Robust metal housing design for extreme high temperature and demanding conditions
- Customizable cable and connector assembly

### Application

Turbochargers, all types

#### NORTH AMERICA

TE Connectivity Sensor Solutions  
Tel + 1-248 -687-4196

[autosensors.americas@te.com](mailto:autosensors.americas@te.com)

#### EUROPE

JAQUET Technology Group AG  
A TE Connectivity Company  
Tel +41-61-306 8822

[jaquet.turbospeed@te.com](mailto:jaquet.turbospeed@te.com)

#### ASIA / JAPAN

TE Connectivity Sensor Solutions  
Tel +81-44-844 8733

[contact\\_auto\\_jp@te.com](mailto:contact_auto_jp@te.com)

#### ASIA / CHINA

TE Connectivity Sensor Solutions  
Tel +86-21-61067540

[jaquet.turbospeed@te.com](mailto:jaquet.turbospeed@te.com)

### [TE.com/sensorsolutions](http://TE.com/sensorsolutions)

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