

PASSIVE BLADE PASS SENSOR



Jaquet | Jaquet Hermes 5

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Sensors > Speed Sensors

TE Connectivity (TE) manufactures the JAQUET HMS-5 DSE 0805 passive eddy current sensor specifically designed for commercial vehicles and high volume automotive turbo speed measurement applications.



Speed Sensor Product Type: **Speed**

Sensor Options: **Blade Detection**

Sensor Technology: **Passive Eddy-Current**

Target: **Blade**

Target Material: **Aluminum, Titanium**

Benefits

- Longer shaft design for larger turbos with high temperature and demanding conditions
- Customizable cable and connector assembly
- High temperature robustness

Features

Product Type Features

Speed Sensor Product Type	Speed
Sensor Technology	Passive Eddy-Current

Electrical Characteristics

Supply Voltage Range (VDC)	5
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Signal Characteristics

Target	Blade
Target Material	Aluminum, Titanium

Housing Features

Housing Ambient Temperature (°C)	230
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Dimensions

Shaft Length (mm)	47.5
Shaft Diameter (mm)	8.2



Usage Conditions

Cable Ambient Temperature (°C)	260
Connector Ambient Temperature (°C)	125

Operation/Application

Output Signal Type	5V Rectangular Wave
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Other

Sensor Options	Blade Detection
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Reference Number

TE Internal Number	CAT-SPS0002
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SEE PRODUCTS ON NEXT PAGE

Products (1 of 1)



**PASSIVE BLADE PASS
SENSOR**

TE Part #	CAT-SPS0002
EU RoHS Directive 2011/65/EU	Not Yet Reviewed for EU RoHS
EU ELV Directive 2000/53/EC	Not Yet Reviewed for EU ELV
Product Families	Jaquet
Series	Jaquet Hermes 5

***EU RoHS Directive 2011/65/EU**

These products comply with the substance restrictions of the Restriction on Hazardous Substances Directive 2011/65/EU (RoHS2). The RoHS2 Directive requires that certain electrical and electronic equipment products do not contain mercury, cadmium, hexavalent chromium, PBB, PBDE, lead, DEHP, BBP, DBP and DIBP above defined thresholds. Products indicated as 'Compliant' do not contain any of these substances above the prohibition thresholds. Finished electrical and electronic equipment products will be CE marked as required by the Directive. Components may not be CE marked.

****EU ELV Directive 2000/53/EC**

These products comply with the substance restrictions of the End of Life Vehicles Directive 2000/53/EC (ELV). The ELV Directive requires that materials and components of vehicles do not contain mercury, cadmium, hexavalent chromium, and lead above defined thresholds. Products indicated as 'Compliant' do not contain any of these substances above the prohibition thresholds.

Related Materials

[Data Sheet](#)

[HMS-5 DSE 0805](#)

English

Also in the Series | [Jaquet Hermes 5](#)



Speed Sensors(1)