



JAQUET TURBO SPEED SENSOR FOR COMMERCIAL AND OFF-HIGHWAY VEHICLES

A robust sensor for turbocharger speed measurement for high volume CV applications

JAQUET ATS-3 DSE 1210.20

Technology

Variable Reluctance / Shaft Target Technology

Function

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

Specifications

Operating Temperature

Sensor Head -40 to +180°C

Cable -40 to +260°C

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 42.2 mm

Diameter Shaft 12.85 mm, tip 9.9 mm

Features

- ◆ Robust design for demanding conditions
- ◆ Easy assembly with flanged housing
- ◆ Customizable cable and connector assembly

Application

Turbochargers, all types

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