

PEGASEM SRS

Slipring System for Car Wheels



For measurements at rotating parts located at the car axle the PEGASEM Modular Mounting System (MMS) is available with a 8 channel slip ring assembly in a waterproof package. The unit is easily and firmly attached to the lug nuts with magnetic holders or clamps. This allows fast fitting of harnesses for data acquisition sensors to the car wheel or axle. For temperature sensing with thermo-couples the SRS can be delivered with extension grade wires around the slip ring assembly and inside the harness protection tube.

Features

- Quick mounting on the car wheel
- Robust and resists corrosion
- Waterproof
- 8 slip ring channels
- Useful transportation case
- Optional thermo-couple preamplifier
- Cost effective solution

Applications

- Temperature measurement
- Torque measurement
- Vibration measurement on rotating parts located at the car axle for
- Development
- Refinement
- Test
- Validation



SRS8 fitted to a wheel hub with optional MMS kit

Technical Data:

Parameter	Value
Number of Circuits	8 (standard version), 4 channel version on request
Current Capacity per Circuit	500mA
Temperature Range	- 40°C ... + 120°C
RPM Rating	3000 RPM
Max. Contact Variation	0,1 Ohm
Input Connectors	User specific
Outputs	Gold plated Push-Pull Connector
Package	Aluminium, red anodized
Dimensions (without slotted Disk)	Appr. 57 x 65 mm (L x D)
Weight (without slotted Disk)	Appr. 350 gr.
Mounting	Using the PEGASEM Modular Mounting System (MMS). Sold separately