PROFESSIONAL MEASURING
SINCE 1844

KERN

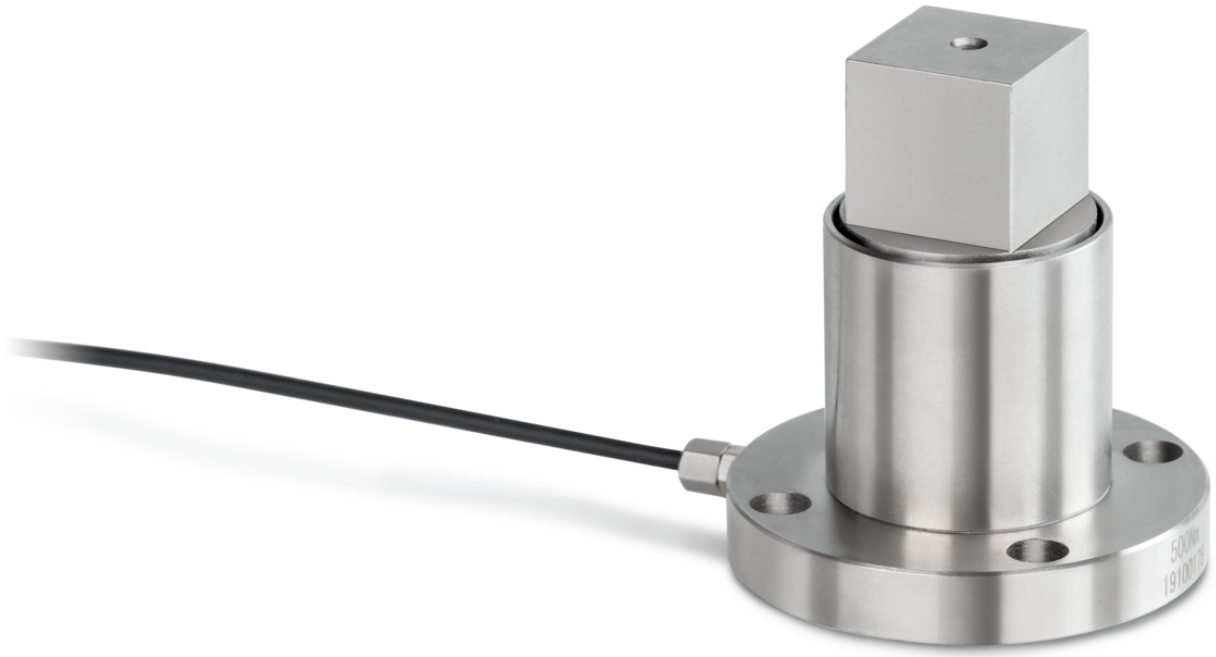
Product brochure

30.10.2026

SAUTER DC 500-Y1

Static torque sensor made from alloy steel

ENGLISH



CONTACT

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FEATURES

- High precision (comprehensive error 0,5% F.S.)
- For monitoring or measurement of static torques, tests of manual torque wrenches or transfer of static load torques
- Simple and quick installation
- High torsional stiffness

MAIN SCOPE OF APPLICATIONS

- Mechanical engineering
- Test stands and quality assurance
- Calibration services
- Automotive industry
- Research and development
- Toolmaking and mould production

PICTOGRAMS

Standard



MODEL OVERVIEW

Model	Measuring range [Max]
DC 5-Y1	5 Nm
DC 10-Y1	10 Nm
DC 20-Y1	20 Nm
DC 50-Y1	50 Nm
DC 100-Y1	100 Nm
DC 200-Y1	200 Nm
DC 500-Y1	500 Nm

SERVICES

Model	Description
961-121	Factory calibration certificate 961-121
961-121R	Factory calibration certificate (Recalibration) KERN 961-121R
970-016	Warranty extension (+3 years) 970-016
FS 421	Plug for FS measuring cell, fitted and adjusted SAUTER FS 421

KERN Pictogram Overview



Package shipment by courier service: The duration of internal product provision is one day