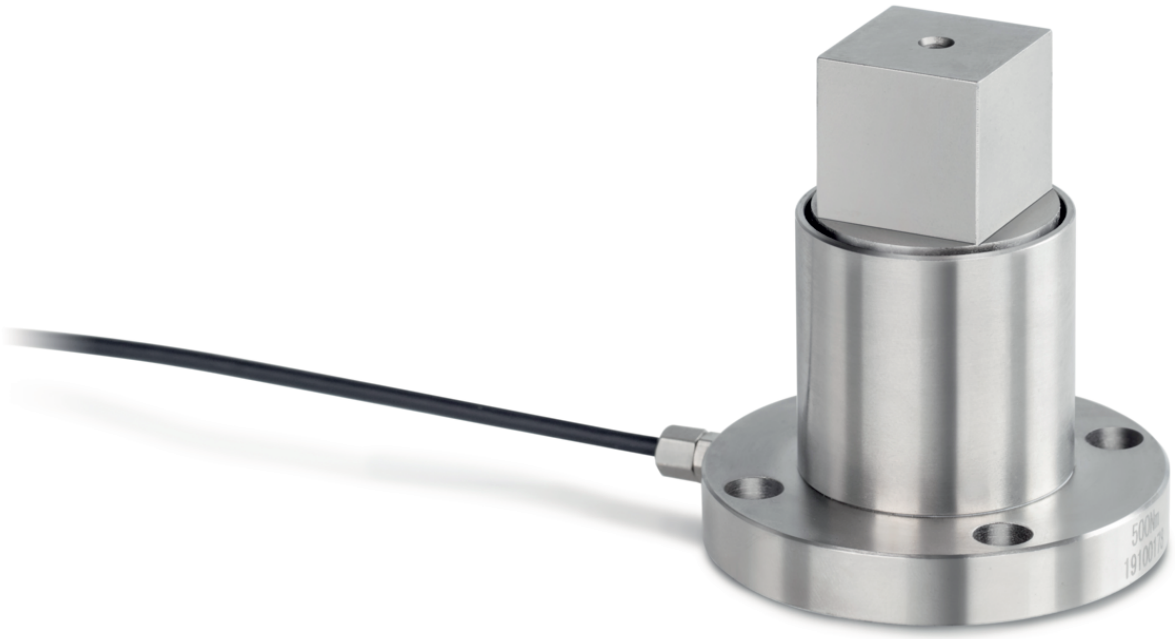
SAUTER

PRODUCT BROCHURE

SAUTER DC 50-Y1

Date: 10.03.2026

ENGLISH



Static torque sensor made from alloy steel

CONTACT

KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

Phone : +49 7433 9933-0
Fax : +49 7433 9933-149
Email : info@kern-sohn.com
Web : www.kern-sohn.com

Scan here for more information

DESCRIPTION

- High precision (comprehensive error 0,5% F.S.)
- RoHS compliant
- 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

ENGLISH

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	DC 50-Y1
Model-Serie	DC Y1
Assortment	Sauter
Product Type	Measuring cells
Product group	Static torque measuring cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761248205
Customs tariff number	84239010
CE Label	yes
Country of Origin	CN

Technical data - Construction

Material	steel
cable length	2 m

Technical data - Power supply

Excitation Voltage min.	9 V
Excitation Voltage max.	12 V

Technical data - Measuring system

Full scale output	1,7 mV/V
combined error	0,5%
load cell connection	4-guide
measuring applications	static torque

Technical data - Environmental conditions

Usage Temperature (min)	-20 °C
Usage temperature (max)	65 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	120×90×85 mm
Gross weight	0.45 kg
Net weight	0.40 kg
Shipping method	Parcel service

Packaging component - by weight - cardboard	33 g
Packaging component - by weight - plastics	2 g
Packaging component - by weight - foam	6 g
Delivery time	1 d

FUNCTIONS

Standard



SERVICES

Model	Description
FS 421	Plug for FS measuring cell, fitted and adjusted SAUTER FS 421