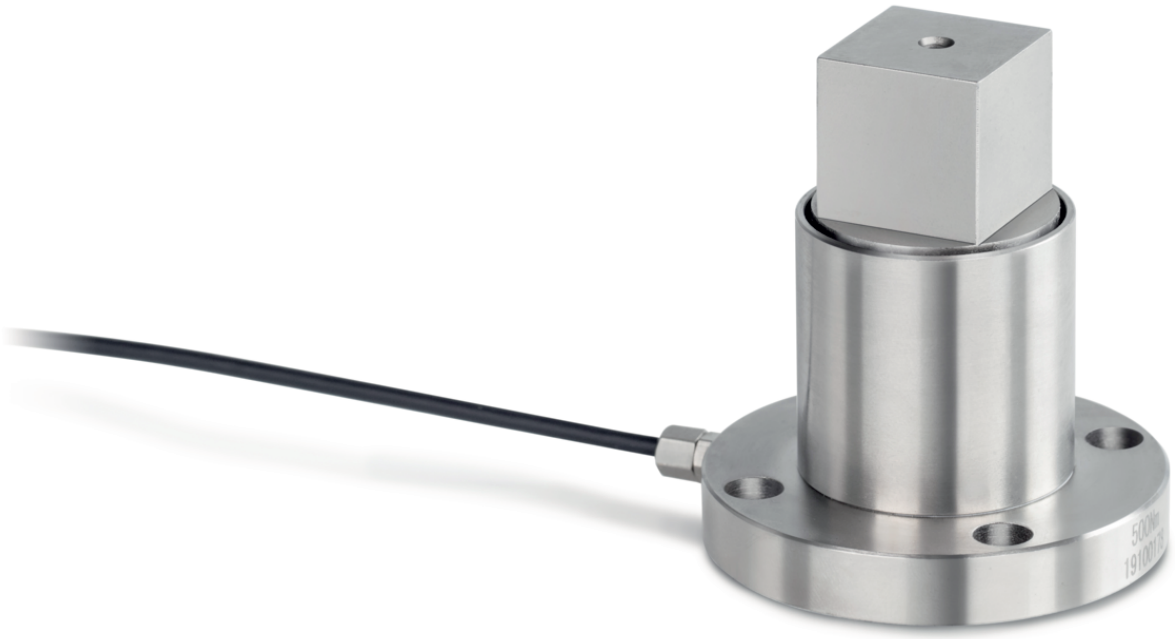
SAUTER

# PRODUCT BROCHURE

# SAUTER DC 5-Y1

Date: 10.03.2026

ENGLISH



Static torque sensor made from alloy steel


## CONTACT

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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

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## SPECIFICATIONS

### Article codes, product groups & Status information

| | |
|---|---|
| Model article-code | DC 5-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) | 4045761248229 |
| 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 | 1,5 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 |