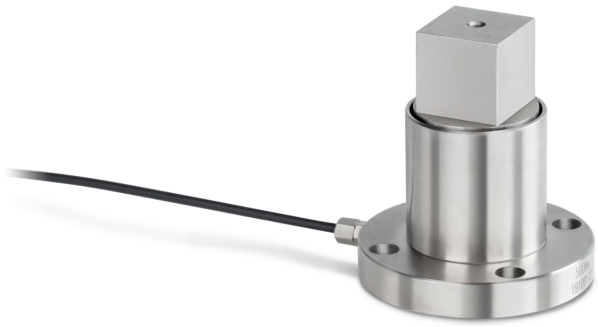
SAUTER **DC 500-Y1**

Static torque sensor made from alloy steel



Date of creation: 24.10.2026

Category

Brand	Sauter
Product category	Measuring cell
Product group	Torque sensor
Product family	DC Y1

Measuring System

Measuring range torque [Max]	500 Nm
Load cell - characteristic value - nominal	1,5 mV/V
Load cell - characteristic value - variance	0,2 mV/V
Load cell connection	4-wire
Measuring applications	static torque
Load sell - Input resistance - nominal	380 Ω
Load cell - Output resistance - nominal	350 Ω
Load cell - Input resistance - variance	10 Ω
Load cell - Output resistance - variance	3 Ω
Load cell - Recommended exitation voltage [Min]	9 V
Load cell - Recommended exitation voltage [Max]	12 V
Load cell - Isolation resistance - [Min]	5000 MΩ
Load cell - Combined error	0,5%

Construction

Material	steel
Cable length	2 m

Environmental conditions

Use temperature [Min]	-20 °C
Use temperature [Max]	65 °C

Approval

CE mark	✓

Product information

GTIN/EAN number	4045761248199
Trade number	90319000
Warranty Time	24 mon
REACH classification	no prohibited substances

Packing & Shipping

Shipping method	Parcel service
Delivery time	1 d
Dimensions packaging (W×D×H)	120×90×85 mm
Net weight approx.	0,40 kg
Gross weight approx.	0,45 kg
Shipping volume weight	0,2 kg

Pictograms

STANDARD

