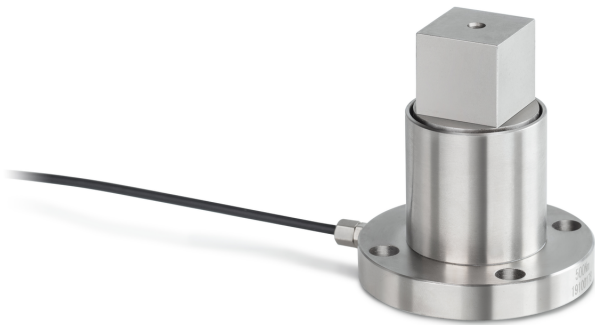


KERN DC 200-Y1

Static torque sensor made from alloy steel



Environmental conditions

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

Approval

CE mark	✓
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Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	120×90×85 mm
Shipping method	Parcel service
Net weight approx.	0,40 kg
Gross weight approx.	0,45 kg
Shipping weight	0,421 kg

Pictograms

STANDARD



Category

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

Measuring System

Measuring range torque [Max]	200 Nm
Load cell connection	4-wire
Load cell - characteristic value - nominal	1,5 mV/V
Load cell - characteristic value - variance	0,2 mV/V
Load cell - Combined error	0,5%
Measuring applications	static torque
Load cell - Input resistance - nominal	380 Ω
Load cell - Output resistance - nominal	350 Ω
Load cell - Isolation resistance - [Min]	5000 MΩ
Load cell - Recommended excitation voltage [Min]	9 V
Load cell - Recommended excitation voltage [Max]	12 V
Load cell - Input resistance - variance	10 Ω
Load cell - Output resistance - variance	3 Ω

Construction

Material	steel
Cable length	2 m
Mounting - force dissipation	4 × through hole Ø 6,5 mm
Mounting - force application	12,5 mm outer square