

SAUTER DC 50-Y2

Static torque sensor made from alloy steel

KERN



Category

Brand	Sauter
Product category	Measuring cell
Product group	Torque sensor
Product family	DC Y2

Measuring System

Measuring range torque [Max]	50 Nm
Load cell - characteristic value - nominal	1,5 mV/V
Load cell - characteristic value - variance	0,15 mV/V
Load cell connection	4-wire
Measuring applications	static torque
Load cell - Input resistance - nominal	380 Ω
Load cell - Input resistance - variance	10 Ω
Load cell - Output resistance - nominal	350 Ω
Load cell - Output resistance - variance	3 Ω
Load cell - Recommended excitation voltage [Min]	9 V
Load cell - Recommended excitation voltage [Max]	12 V
Load cell - Isolation resistance - [Min]	5000 M Ω
Load cell - Combined error	0,5%

Functions

IP protection - complete device	IP65
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Construction

Material	steel
Design	round
Cable length	2 m

Environmental conditions

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

Approval

CE mark	✓
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Product information

GTIN/EAN number	4045761248212
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.	0,35 kg
Gross weight approx.	0,35 kg
Shipping weight	0,326 kg

Pictograms

STANDARD

