

SAUTER DC 1-Y2

Static torque sensor made from alloy steel

KERN

Construction

Material	steel
Design	round
Cable length	2 m

Environmental conditions

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

Approval

CE mark	✓
---------	---

Product information

GTIN/EAN number	4045761248144
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



Category

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

Measuring System

Measuring range torque [Max]	1 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 MΩ
Load cell - Combined error	0,5%

Functions

IP protection - complete device	IP65
---------------------------------	------