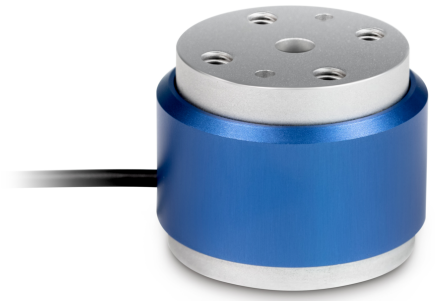
SAUTER **DC 1-Y2**

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 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 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%

Functions	
IP protection - complete device	IP65

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
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.	0,35 kg
Gross weight approx.	0,35 kg
Shipping volume weight	0,2 kg

Pictograms

STANDARD

