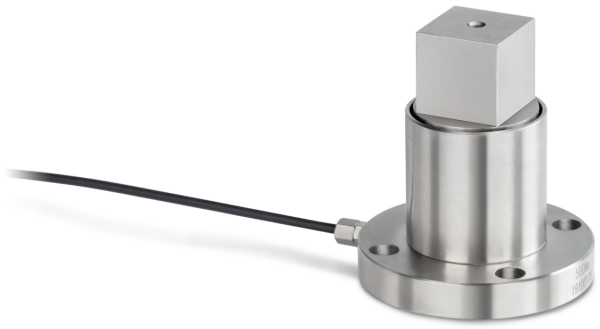
# SAUTER **DC 5-Y1**

Static torque sensor made from alloy steel



## Category

| | |
|---|---|
| Brand | Sauter |
| Product categoriy | Measuring cell |
| Product group | Torque sensor |
| Product family | DC Y1 |

## Measuring System

| | |
|---|---|
| Measuring range torque [Max] | 5 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 - Input resistance - variance | 10 Ω |
| Load cell - Output resistance - nominal | 350 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 | 4045761248229 |
| 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 weight | 0,421 kg |

## Pictograms

**STANDARD**

