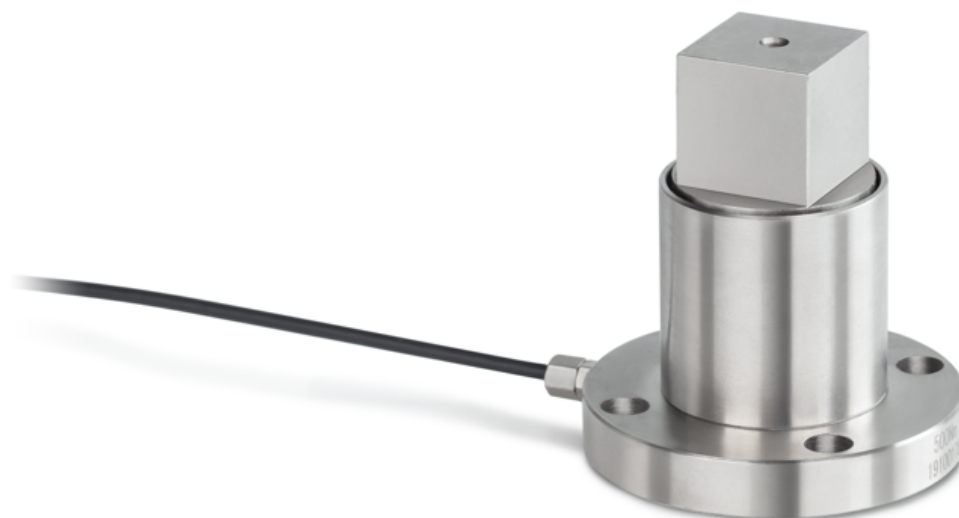


# KERN DC 100-Y1

Static torque sensor made from alloy steel



## Article codes, product groups & Status information

|                       |                                |
|-----------------------|--------------------------------|
| Model article-code    | DC 100-Y1                      |
| Model-Serie           | DC Y1                          |
| Assortment            | Sauter                         |
| Product Type          | Measuring cells                |
| Product group         | Static torque measuring cells  |
| Product usage type    | Main item;Accessories/Services |
| EAN code (Model)      | 4045761248113                  |
| Planned start date    | 2021-1HJ                       |
| Customs tariff number | 84239010                       |

## Technical data - Construction

|              |       |
|--------------|-------|
| Material     | Steel |
| cable length | 2 m   |

## Technical data - Power supply

|                         |      |
|-------------------------|------|
| Excitation Voltage min. | 9 V  |
| Excitation Voltage max. | 12 V |

## Technical data - Measuring system

|                        |               |
|------------------------|---------------|
| Full scale output      | 1,9 mV/V      |
| combined error         | 0,5%          |
| load cell connection   | 4-guide       |
| Measuring applications | Static torque |

## Technical data - Environmental conditions

|                         |        |
|-------------------------|--------|
| Usage Temperature (min) | -20 °C |
|-------------------------|--------|

Usage temperature (max) 65 °C

## Technical data - Packing & Shipping

|                                             |                |
|---------------------------------------------|----------------|
| Dimensions packaging (W×D×H)                | 120×90×85 mm   |
| Gross weight                                | 0.45 kg        |
| Net weight                                  | 0.40 kg        |
| Shipping method                             | Parcel service |
| Packaging component - by weight - cardboard | 33 g           |
| Packaging component - by weight - plastics  | 2 g            |
| Packaging component - by weight - foam      | 6 g            |
| Delivery time                               | 1 d            |

## Technical data - Verification

|                                                |     |
|------------------------------------------------|-----|
| Verification approval conforming to 2014/31/EU | Yes |
|------------------------------------------------|-----|

## Functions

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Standard

