

# KERN CR 5000-1Y1

Loadcell made of steel alloy



## Article codes, product groups & Status information

|                       |                                |
|-----------------------|--------------------------------|
| Model article-code    | CR 5000-1Y1                    |
| Model-Serie           | CR Y1                          |
| Assortment            | Sauter                         |
| Product Type          | Measuring cells                |
| Product group         | Load cells                     |
| Product usage type    | Main item;Accessories/Services |
| EAN code (Model)      | 4045761246188                  |
| Planned start date    | 2021-1HJ                       |
| Customs tariff number | 90249000                       |

## Technical data - Primary

|                   |                     |
|-------------------|---------------------|
| Force directions  | Compression;tension |
| OIML class        | C1                  |
| Weighing capacity | 5000 kg             |
| Max (N)           | 50 kN               |

## Technical data - Construction

|                    |                                        |
|--------------------|----------------------------------------|
| IP Protection      | IP68                                   |
| Material           | Steel                                  |
| cable length       | 3 m                                    |
| Mounting force in  | Pressure piece;Threaded hole M16 × 1,5 |
| Mounting force out | 8x Durchgangsbohrung Ø6,5mm            |

## Technical data - Power supply

|                         |     |
|-------------------------|-----|
| Excitation Voltage min. | 5 V |
|-------------------------|-----|

|                         |      |
|-------------------------|------|
| Excitation Voltage max. | 10 V |
|-------------------------|------|

## Technical data - Measuring system

|                        |            |
|------------------------|------------|
| Full scale output      | 2 mV/V     |
| combined error         | 0,05%      |
| load cell connection   | 4-guide    |
| measuring applications | Force;mass |

## Technical data - Environmental conditions

|                         |        |
|-------------------------|--------|
| Usage Temperature (min) | -20 °C |
| Usage temperature (max) | 65 °C  |

## Technical data - Packing & Shipping

|                                             |                |
|---------------------------------------------|----------------|
| Dimensions packaging (W×D×H)                | 200×165×135 mm |
| Gross weight                                | 2 kg           |
| Net weight                                  | 1.8 kg         |
| Shipping method                             | Parcel service |
| Packaging component - by weight - cardboard | 91 g           |
| Packaging component - by weight - styrofoam | 44 g           |
| Delivery time                               | 1 d            |

## Technical data - Verification

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

## Functions

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## Standard



## Option

