

# KERN CS 6000-3Q1

6-wire "S" measuring cell made of nickel-plated steel for force and mass measurement



## Article codes, product groups & Status information

|                       |                                |
|-----------------------|--------------------------------|
| Model article-code    | CS 6000-3Q1                    |
| Model-Serie           | CS Q1                          |
| Assortment            | Sauter                         |
| Product Type          | Measuring cells                |
| Product group         | S-shape load cells             |
| Product usage type    | Main item;Accessories/Services |
| EAN code (Model)      | 4045761222083                  |
| Planned start date    | 2019-1HJ                       |
| Customs tariff number | 90249000                       |

## Technical data - Primary

|                   |                     |
|-------------------|---------------------|
| Force directions  | Compression;tension |
| OIML class        | C3                  |
| Weighing capacity | 6000 kg             |
| Max (N)           | 60 kN               |

## Technical data - Construction

|                    |                       |
|--------------------|-----------------------|
| IP Protection      | IP67                  |
| Material           | Steel, nickel-plated  |
| Dimensions         | 120×100×45 mm         |
| cable length       | 5 m                   |
| Mounting force in  | Threaded hole M24 × 2 |
| Mounting force out | Threaded hole M24 × 2 |

## Technical data - Power supply

|                         |      |
|-------------------------|------|
| Excitation Voltage min. | 10 V |
|-------------------------|------|

|                         |      |
|-------------------------|------|
| Excitation Voltage max. | 15 V |
|-------------------------|------|

## Technical data - Measuring system

|                        |            |
|------------------------|------------|
| Full scale output      | 2 mV/V     |
| combined error         | 0,017%     |
| load cell connection   | 6-Leiter   |
| measuring applications | Force;mass |

## Technical data - Packing & Shipping

|                                             |                |
|---------------------------------------------|----------------|
| Dimensions packaging (W×D×H)                | 220×135×100 mm |
| Gross weight                                | 3.6 kg         |
| Net weight                                  | 3.4 kg         |
| Shipping method                             | Parcel service |
| Packaging component - by weight - cardboard | 265 g          |
| Packaging component - by weight - foam      | 42 g           |
| Delivery time                               | 1 d            |

## Technical data - Verification

|                                                |        |
|------------------------------------------------|--------|
| Verification approval conforming to 2014/31/EU | Yes    |
| Resolution loadcell (e)                        | 3000 e |

## Functions

Standard

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Option

