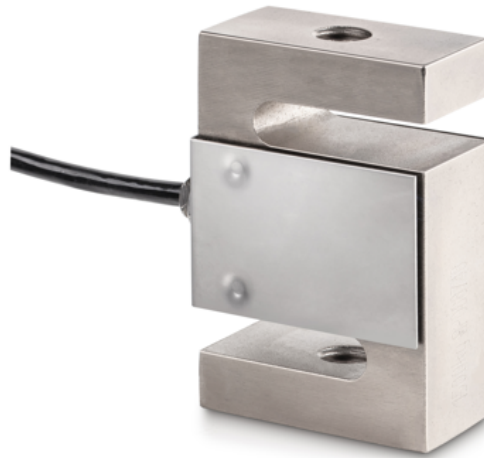


# KERN CS 1000-3P1

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



## Article codes, product groups & Status information

|                       |                                |
|-----------------------|--------------------------------|
| Model article-code    | CS 1000-3P1                    |
| Model-Serie           | CS P1                          |
| Assortment            | Sauter                         |
| Product Type          | Measuring cells                |
| Product group         | S-shape load cells             |
| Product usage type    | Main item;Accessories/Services |
| EAN code (Model)      | 4045761221420                  |
| Planned start date    | 2019-1HJ                       |
| Customs tariff number | 90249000                       |
| CE Label              | Yes                            |

## Technical data - Primary

|                   |                     |
|-------------------|---------------------|
| Force directions  | Compression;tension |
| OIML class        | C3                  |
| Weighing capacity | 1000 kg             |
| Max (N)           | 10 kN               |

## Technical data - Construction

|                    |                      |
|--------------------|----------------------|
| IP Protection      | IP67                 |
| Material           | Steel, nickel-plated |
| Dimensions         | 50,8×76,2×27,2 mm    |
| cable length       | 3 m                  |
| Mounting force in  | Threaded hole M12    |
| Mounting force out | Threaded hole M12    |

## Technical data - Power supply

|                         |      |
|-------------------------|------|
| Excitation Voltage min. | 5 V  |
| Excitation Voltage max. | 12 V |

## Technical data - Measuring system

|                        |            |
|------------------------|------------|
| Full scale output      | 2 mV/V     |
| combined error         | 0,02%      |
| load cell connection   | 4-guide    |
| measuring applications | Force;mass |

## Technical data - Environmental conditions

|                         |        |
|-------------------------|--------|
| Usage Temperature (min) | -10 °C |
| Usage temperature (max) | 40 °C  |

## Technical data - Packing & Shipping

|                                             |                |
|---------------------------------------------|----------------|
| Dimensions packaging (W×D×H)                | 185×155×60 mm  |
| Gross weight                                | 0.80 kg        |
| Net weight                                  | 0.70 kg        |
| Shipping method                             | Parcel service |
| Packaging component - by weight - cardboard | 102 g          |
| Delivery time                               | 1 d            |

## Technical data - Verification

|                         |        |
|-------------------------|--------|
| Resolution loadcell (e) | 3000 e |
|-------------------------|--------|

## Functions

Standard

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Option

