

# KERN CS 500-3Q1

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 500-3Q1                     |
| 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)      | 4045761222069                  |
| Planned start date    | 2019-1HJ                       |
| Customs tariff number | 90249000                       |
| CE Label              | Yes                            |

## Technical data - Primary

|                   |                     |
|-------------------|---------------------|
| Force directions  | Compression;tension |
| OIML class        | C3                  |
| Weighing capacity | 500 kg              |
| Max (N)           | 5 kN                |

## Technical data - Construction

|                    |                      |
|--------------------|----------------------|
| IP Protection      | IP67                 |
| Material           | Steel, nickel-plated |
| Dimensions         | 80×62,1×19 mm        |
| cable length       | 5 m                  |
| Mounting force in  | Threaded hole M12    |
| Mounting force out | Threaded hole M12    |

## Technical data - Power supply

## Functions

Standard

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)                | 250×155×60 mm  |
| Gross weight                                | 0.95 kg        |
| Net weight                                  | 0.80 kg        |
| Shipping method                             | Parcel service |
| Packaging component - by weight - cardboard | 242 g          |
| Packaging component - by weight - plastics  | 5 g            |
| Delivery time                               | 1 d            |

## Technical data - Verification

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

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IP 67



1 DAY

Option



+3 DAYS



+4 DAYS