

## PRODUCT BROCHURE

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# SAUTER CT 2000-3Q1

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ENGLISH



Shear beam made from stainless steel

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### CONTACT

KERN & SOHN GmbH  
Ziegelei 1  
72336 Balingen  
Germany

Phone : +49 7433 9933-0  
Fax : +49 7433 9933-149  
Email : [info@kern-sohn.com](mailto:info@kern-sohn.com)  
Web : [www.kern-sohn.com](http://www.kern-sohn.com)



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## DESCRIPTION

- CE and RoHS compliant
- Area of application: Measuring mass as well as compressive force in harsh environments
- Suitable for platform scales, weigh hoppers, flush-mounted floor scales and other weighing devices

## SPECIFICATIONS

### Article codes, product groups & Status information

|                       |                                |
|-----------------------|--------------------------------|
| Model article-code    | CT 2000-3Q1                    |
| Model-Serie           | CT Q1                          |
| Assortment            | Sauter                         |
| Product Type          | Measuring cells                |
| Product group         | Shear beam load cells          |
| Product usage type    | Main item;Accessories/Services |
| EAN code (Model)      | 4045761222199                  |
| Customs tariff number | 84239010                       |
| CE Label              | yes                            |

### Technical data - Primary

|                   |             |
|-------------------|-------------|
| Force directions  | compression |
| OIML class        | C3          |
| Weighing capacity | 2000 kg     |

### Technical data - Construction

|                    |                  |
|--------------------|------------------|
| IP Protection      | IP68;IP69K       |
| Material           | stainless steel  |
| Dimensions (W×D×H) | 130×31,5×31,5 mm |
| cable length       | 5 m              |

|                   |                   |
|-------------------|-------------------|
| Mounting force in | threaded hole M12 |
|-------------------|-------------------|

|                    |                            |
|--------------------|----------------------------|
| Mounting force out | 2x through hole<br>Ø13.5mm |
|--------------------|----------------------------|

### 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 | mass |
|------------------------|------|

### Technical data - Environmental conditions

|                         |        |
|-------------------------|--------|
| Usage Temperature (min) | -10 °C |
|-------------------------|--------|

|                         |       |
|-------------------------|-------|
| Usage temperature (max) | 40 °C |
|-------------------------|-------|

### Technical data - Packing & Shipping

|                              |               |
|------------------------------|---------------|
| Dimensions packaging (W×D×H) | 250×155×60 mm |
|------------------------------|---------------|

|              |        |
|--------------|--------|
| Gross weight | 1.2 kg |
|--------------|--------|

|            |         |
|------------|---------|
| Net weight | 1.00 kg |
|------------|---------|

|                                                |                |
|------------------------------------------------|----------------|
| Shipping method                                | Parcel service |
| Packaging component -<br>by weight - cardboard | 242 g          |
| Packaging component -<br>by weight - plastics  | 5 g            |
| Delivery time                                  | 1 d            |

## Technical data - Verification

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

## FUNCTIONS

|                                                                                                    |
|----------------------------------------------------------------------------------------------------|
| Standard                                                                                           |
|  IP 68            |
|  IP 69K           |
|  1 DAY            |
| Option                                                                                             |
|  ISO<br>+4 DAYS |

## ACCESSORIES

| Model     | Description                                    |
|-----------|------------------------------------------------|
| CJ P2     | Junction Box SAUTER CJ P2                      |
| CJ P4PG   | Junction Box SAUTER CJ P4PG                    |
| CJ P4     | Junction Box SAUTER CJ P4                      |
| CE WT4-Y1 | Analogue Weighing Transmitter SAUTER CE WT4-Y1 |

## SERVICES

| Model    | Description                                |
|----------|--------------------------------------------|
| 961-264V | Factory calibration KERN 961-264V          |
| 970-014  | Warranty extension KERN (+3 years) 970-014 |

## RELATED ARTICLES DATA

| Model name | Force directions | OIML class | Weighing capacity |
|------------|------------------|------------|-------------------|
| CT 500-3Q1 | compression      | C3         | 500 kg            |

| Model name   | Force directions | OIML class | Weighing capacity |
|--------------|------------------|------------|-------------------|
| CT 300-3Q1   | compression      | C3         | 300 kg            |
| CT 750-3Q1   | compression      | C3         | 750 kg            |
| CT 1000-3Q1  | compression      | C3         | 1000 kg           |
| CT 1500-3Q1  | compression      | C3         | 1500 kg           |
| CT 2000-3Q1  | compression      | C3         | 2000 kg           |
| CT 3000-3Q1  | compression      | C3         | 3000 kg           |
| CT 5000-3Q1  | compression      | C3         | 5000 kg           |
| CT 7500-3Q1  | compression      | C3         | 7500 kg           |
| CT 10000-3Q1 | compression      | C3         | 10000 kg          |