

## PRODUCT BROCHURE

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# SAUTER CP 50-3P7

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ENGLISH



Single-Point load cell made of stainless steel

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### CONTACT

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## DESCRIPTION

- RoHS compliant
- Area of application: Mass as well as compressive force measurement in harsh environmental conditions
- Suitable for price computing scales, bench scales etc.
- Maximum platform size 400×400 mm

## SPECIFICATIONS

### Article codes, product groups & Status information

|                       |                                |
|-----------------------|--------------------------------|
| Model article-code    | CP 50-3P7                      |
| Model-Serie           | CP P7                          |
| Assortment            | Sauter                         |
| Product Type          | Measuring cells                |
| Product group         | Single-point load cells        |
| Product usage type    | Main item;Accessories/Services |
| EAN code (Model)      | 404576 1254060                 |
| Customs tariff number | 84239010                       |
| CE Label              | yes                            |
| Country of Origin     | CN                             |

### Technical data - Primary

|                   |             |
|-------------------|-------------|
| Force directions  | compression |
| OIML class        | C3          |
| Weighing capacity | 50 kg       |

### Technical data - Construction

|               |      |
|---------------|------|
| IP Protection | IP67 |
|---------------|------|

|                    |                     |
|--------------------|---------------------|
| Material           | stainless steel     |
| Dimensions (W×D×H) | 150×25,4×40 mm      |
| cable length       | 1 m                 |
| Mounting force in  | 2x threaded hole M6 |
| Mounting force out | 2x threaded hole M6 |

### 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         | 0,023%   |
| 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)                | 235×115×45 mm  |
| Gross weight                                | 1.2 kg         |
| Net weight                                  | 1.00 kg        |
| Shipping method                             | Parcel service |
| Packaging component - by weight - cardboard | 67 g           |
| Delivery time                               | 1 d            |

## Technical data - Verification

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

## FUNCTIONS

|                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard                                                                                                                                                                |
|   |
| Option                                                                                                                                                                  |
|   |

## ACCESSORIES

| Model                            | Description                                       |
|----------------------------------|---------------------------------------------------|
| <a href="#"><u>YKV-01</u></a>    | IoT-Line Digital Weighing Transmitter KERN YKV-01 |
| <a href="#"><u>CJ P2</u></a>     | Junction Box SAUTER CJ P2                         |
| <a href="#"><u>YKV-02</u></a>    | IoT-Line Digital Weighing Transmitter KERN YKV-02 |
| <a href="#"><u>CJ P4PG</u></a>   | Junction Box SAUTER CJ P4PG                       |
| <a href="#"><u>CJ P4</u></a>     | Junction Box SAUTER CJ P4                         |
| <a href="#"><u>CE WT1-Y1</u></a> | Analogue Weighing Transmitter SAUTER CE WT1-Y1    |

| Model                            | Description                                    |
|----------------------------------|------------------------------------------------|
| <a href="#"><u>CE WT3-Y1</u></a> | Analogue Weighing Transmitter SAUTER CE WT3-Y1 |
| <a href="#"><u>CE WT1-Y2</u></a> | Analogue Weighing Transmitter SAUTER CE WT1-Y2 |
| <a href="#"><u>CJ X468</u></a>   | Junction Box SAUTER CJ X468                    |
| <a href="#"><u>CJ X467</u></a>   | Junction Box SAUTER CJ X467                    |