SAUTER

# PRODUCT BROCHURE

# SAUTER CT 500-3P1

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ENGLISH



Shear beam made from nickel-plated steel


## CONTACT

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Scan here for more information

## DESCRIPTION

- CE and RoHS compliant
- Area of application: Mass as well as compressive force measurement in harsh environmental conditions
- 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 500-3P1 |
| Model-Serie | CT P1 |
| Assortment | Sauter |
| Product Type | Measuring cells |
| Product group | Shear beam load cells |
| Product usage type | Main item;Accessories/Services |
| EAN code (Model) | 4045761221666 |
| Customs tariff number | 84239010 |
| CE Label | yes |
| Country of Origin | CN |

### Technical data - Primary

| | |
|---|---|
| Force directions | compression |
| OIML class | C3 |
| Weighing capacity | 500 kg |

### Technical data - Construction

| | |
|---|---|
| IP Protection | IP67 |
| Material | steel, nickel-plated |
| Dimensions (W×D×H) | 130×34×31,8 mm |
| cable length | 4 m |
| Mounting force in | threaded hole M12 |
| Mounting force out | 2x through hole Ø13.5mm |

### Technical data - Power supply

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

### Technical data - Measuring system

| | |
|---|---|
| Full scale output | 3 mV/V |
| combined error | 0,023% |
| load cell connection | 4-guide |
| measuring applications | mass |

### Technical data - Environmental conditions

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

### Technical data - Packing & Shipping

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| | |
|---|---|
| Dimensions packaging (W×D×H) | 225×115×45 mm |
| Gross weight | 1.00 kg |
| Net weight | 0.95 kg |
| Shipping method | Parcel service |
| Packaging component - by weight - cardboard | 62 g |
| Delivery time | 1 d |

## Technical data - Verification

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

## FUNCTIONS

Standard




Option




## ACCESSORIES

| Model | Description |
|---|---|
| CJ P2 | Junction Box SAUTER CJ P2 |
| CE P3012 | Gap for shear beam loadcell CE P3012 |
| CE P2012 | Adjustable Foot SAUTER CE P2012 |
| CE P4022 | Load corner SAUTER CE P4022 |
| CJ P4PG | Junction Box SAUTER CJ P4PG |
| CJ P4 | Junction Box SAUTER CJ P4 |
| CE WT1-Y1 | Analogue Weighing Transmitter SAUTER CE WT1-Y1 |
| CE WT3-Y1 | Analogue Weighing Transmitter SAUTER CE WT3-Y1 |

| Model | Description |
|---|---|
| CE WT1-Y2 | Analogue Weighing Transmitter SAUTER CE WT1-Y2 |
| CJ X468 | Junction Box SAUTER CJ X468 |
| CJ X467 | Junction Box SAUTER CJ X467 |

## SERVICES

| Model | Description |
|---|---|
| 965-413 | Assembly of components (> 350 kg - 1500 kg) 965-413 |
| 963-263V | DAkkS Calibration KERN 963-263V |