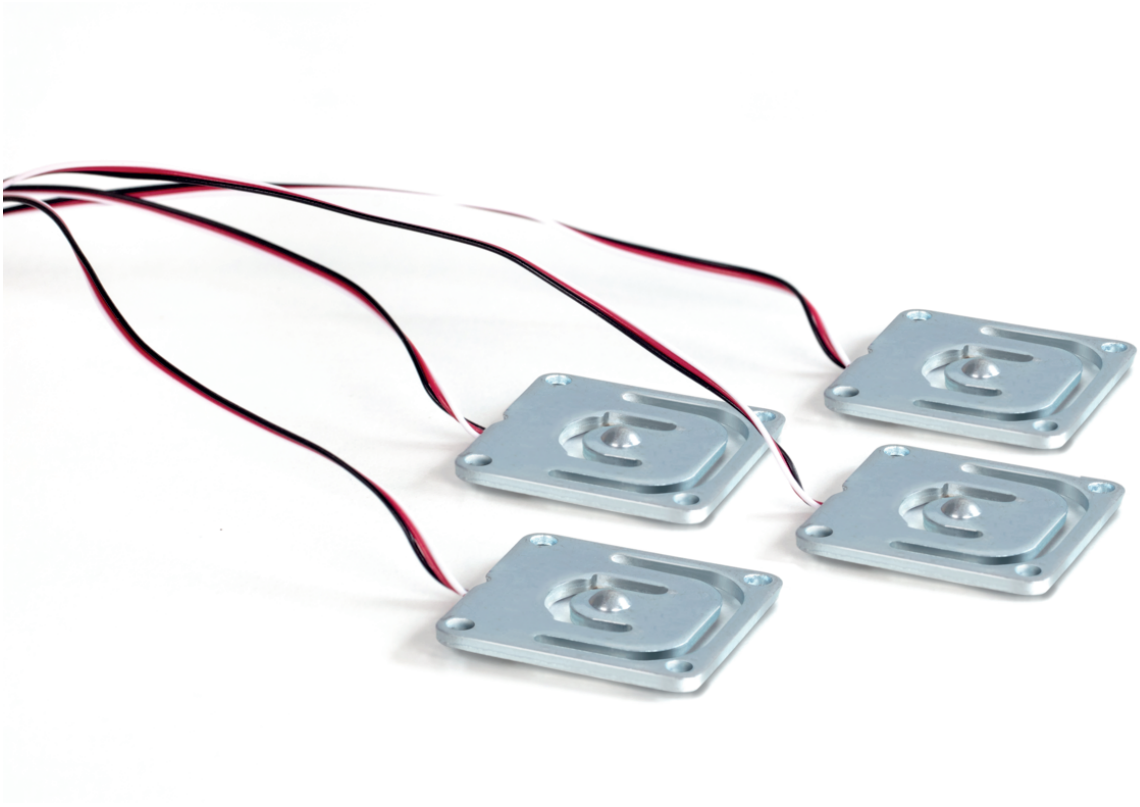
SAUTER

# PRODUCT BROCHURE

# SAUTER CK 10-Y4

Date: 19.04.2026

ENGLISH



Flat miniature alloy steel load cell

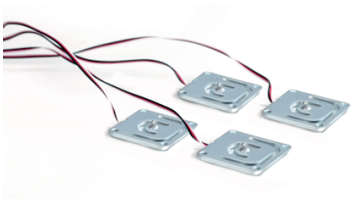

## CONTACT

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Scan here for more information

## PRODUCT SHOWCASE



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## DESCRIPTION

- High precision (comprehensive error 0,05% F.S.)
- Very low design
- Scope of delivery: 4 pieces
- Quarter bridge circuit: 4 weighing cells are connected to a full bridge
- No junction box necessary
- No corner adjustment
- Ideal, for example, for the construction of personal floor scales, kitchen scales, postal scales or other scales with minimal structural height

## SPECIFICATIONS

### Article codes, product groups & Status information

| | |
|---|---|
| Model article-code | CK 10-Y4 |
| Model-Serie | CK Y4 |
| Assortment | Sauter |
| Product Type | Measuring cells |
| Product group | Load cells |
| Product usage type | Main item;Accessories/Services |
| EAN code (Model) | 4045761246393 |
| Customs tariff number | 84239010 |
| CE Label | yes |
| Country of Origin | CN |

### Technical data - Primary

| | |
|---|---|
| Force directions | compression |

| | |
|---|---|
| OIML class | C1 |
| Weighing capacity | 40 kg |

## Technical data - Construction

| | |
|---|---|
| IP Protection | IP65 |
| Material | steel, galvanized |
| Dimensions (W×D×H) | 34×34×4,5 mm |
| cable length | 0.45 m |
| Mounting force in | Support point |
| Mounting force out | 4x Durchgangsbohrung Ø3,1mm |

## Technical data - Power supply

| | |
|---|---|
| Excitation Voltage min. | 3 V |
| Excitation Voltage max. | 10 V |

## Technical data - Measuring system

| | |
|---|---|
| Full scale output | 0,5 mV/V |
| combined error | 0,05% |
| load cell connection | 4-guide |
| measuring applications | mass |

## Technical data - Environmental conditions

| | |
|---|---|
| Usage Temperature (min) | -10 °C |
| Usage temperature (max) | 60 °C |

## Technical data - Packing & Shipping

| | |
|---|---|
| Dimensions packaging (W×D×H) | 90×90×20 mm |
| Gross weight | 0.10 kg |
| Net weight | 0.10 kg |
| Shipping method | Parcel service |
| Delivery time | 1 d |

## FUNCTIONS

| |
|---|
| Standard |




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## ACCESSORIES

| Model | Description |
|---|---|
| CJ P2 | Junction Box SAUTER CJ P2 |
| CJ P4PG | Junction Box SAUTER CJ P4PG |
| CJ P4 | Junction Box SAUTER CJ P4 |
| CJ X468 | Junction Box SAUTER CJ X468 |
| CJ X467 | Junction Box SAUTER CJ X467 |

## SERVICES

| Model | Description |
|---|---|
| 970-010 | Warranty extension KERN (+3 years) 970-010 |

## RELATED ARTICLES DATA

| Model name | Force directions | OIML class | Weighing capacity |
|---|---|---|---|
| CK 10-Y4 | compression | C1 | 40 kg |
| CK 30-Y4 | compression | C1 | 120 kg |
| CK 50-Y4 | compression | C1 | 200 kg |