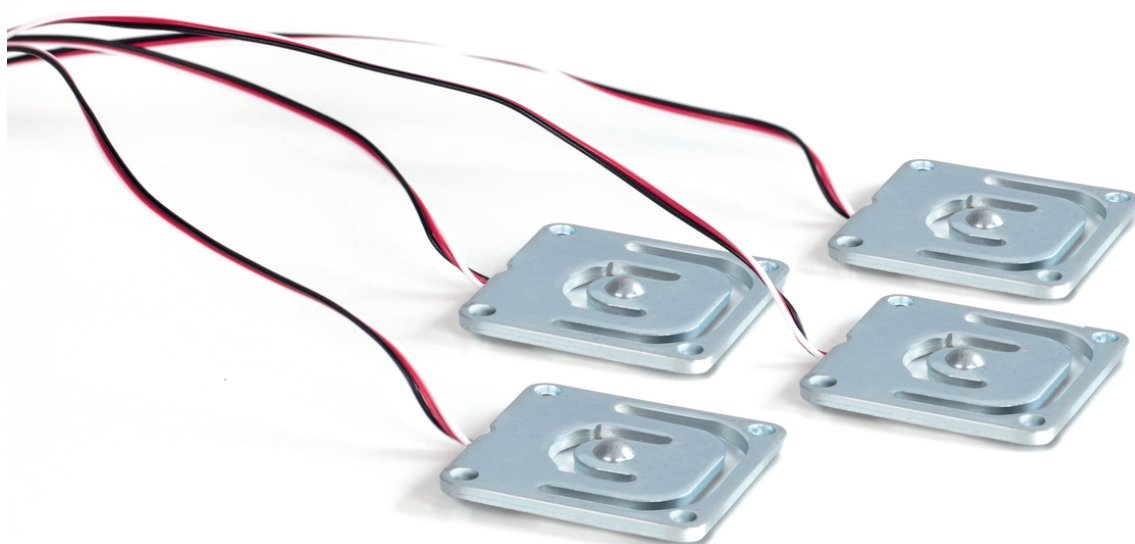


PRODUCT BROCHURE

SAUTER CK 50-Y4

Date: 29.04.2025

ENGLISH



Flat miniature alloy steel load cell

CONTACT

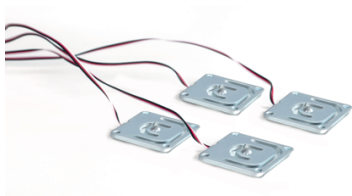
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PRODUCT SHOWCASE



DESCRIPTION

- High precision (comprehensive error 0,05% F.S.)
- Very low design
- RoHS compliant
- 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 50-Y4
Model-Serie	CK Y4
Assortment	Sauter
Product Type	Measuring cells
Product group	Load cells

Product usage type	Main item;Accessories/Services
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EAN code (Model)	4045761246409
Customs tariff number	84239010
CE Label	yes

Technical data - Primary

Force directions	compression
OIML class	C1

Weighing capacity	200 kg
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Net weight	0.05 kg
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Shipping method	Parcel service
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Delivery time	1 d
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Technical data - Construction

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

Standard



ENGLISH

Technical data - Power supply

Excitation Voltage min.	9 V
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Excitation Voltage max.	12 V
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Technical data - Measuring system

Full scale output	1,8 mV/V
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combined error	0,05%
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load cell connection	4-guide
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measuring applications	mass
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Technical data - Environmental conditions

Usage Temperature (min)	-10 °C
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Usage temperature (max)	60 °C
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Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	490×34×4 mm
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Gross weight	0.05 kg
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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

SERVICES

Model	Description
965-411	Assembly of components (< 50kg) 965-411
963-261V	DAkkS Calibration KERN 963-261V
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