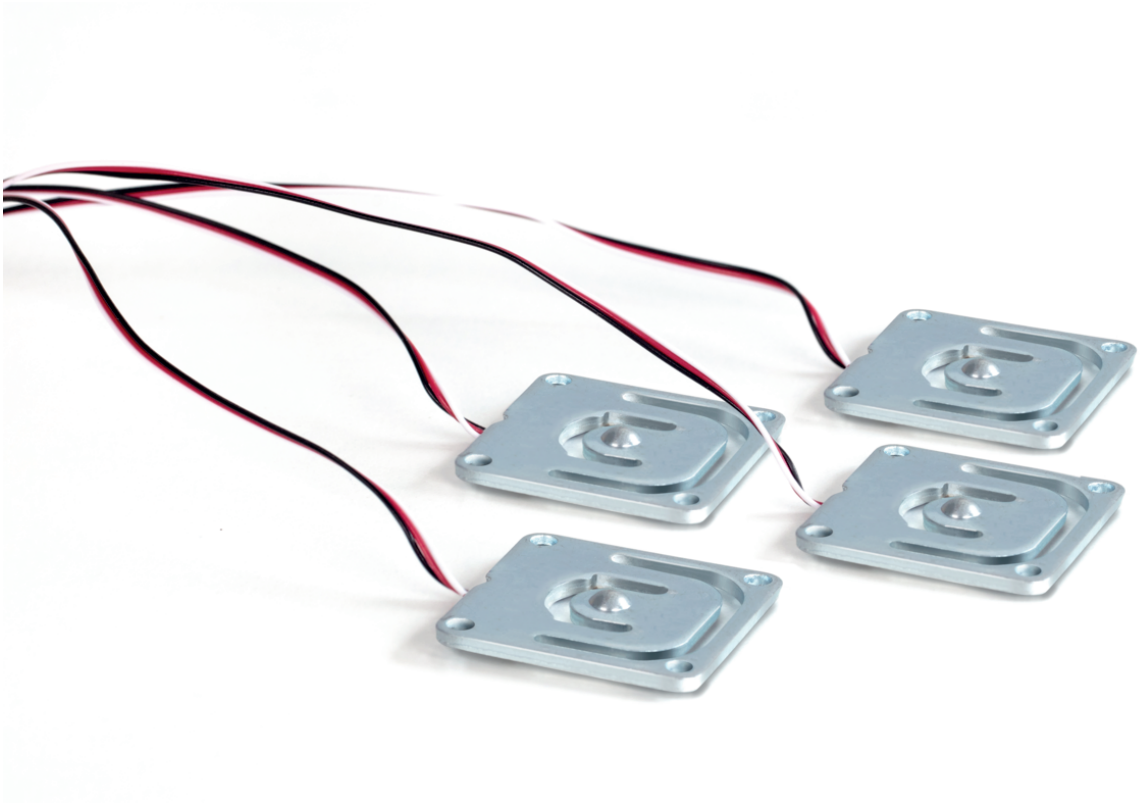
SAUTER

PRODUCT BROCHURE

SAUTER CK 50-Y4

Date: 19.04.2026

ENGLISH



Flat miniature alloy steel load cell

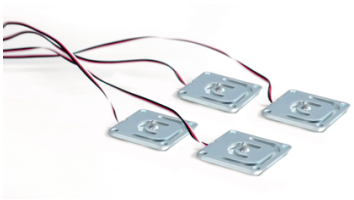
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Scan here for more information

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 50-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)	4045761246409
Customs tariff number	84239010
CE Label	yes
Country of Origin	CN

Technical data - Primary

Force directions	compression

OIML class	C1
Weighing capacity	200 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	0,9 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)	490×34×4 mm
Gross weight	0.05 kg
Net weight	0.05 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