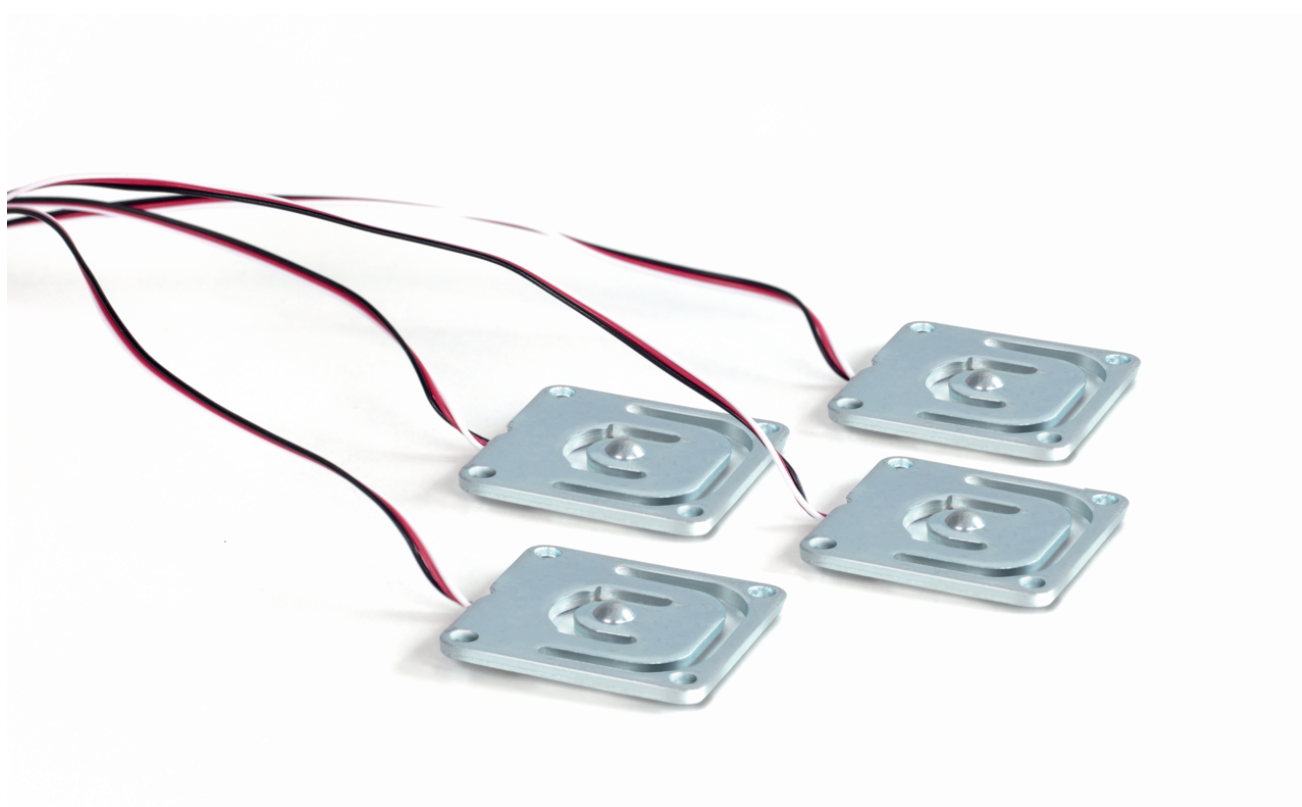


PRODUCT BROCHURE

SAUTER CK 10-Y4

Date: 23.04.2025

ENGLISH



Flat miniature alloy steel load cell

CONTACT

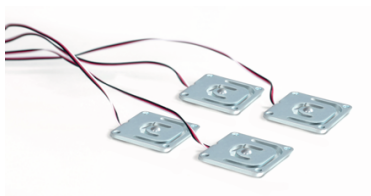
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information

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 10-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)	4045761246393
Customs tariff number	84239010

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.	9 V
Excitation Voltage max.	12 V

Technical data - Measuring system

Full scale output	1 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

Technical data - Verification

Verification approval
conforming to
2014/31/EU

yes

FUNCTIONS

Standard



ACCESSORIES

Model	Description
CJ P4PG	Junction Box SAUTER CJ P4PG
CJ P4	Junction Box SAUTER CJ P4
CJ P2	Junction Box SAUTER CJ P2

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