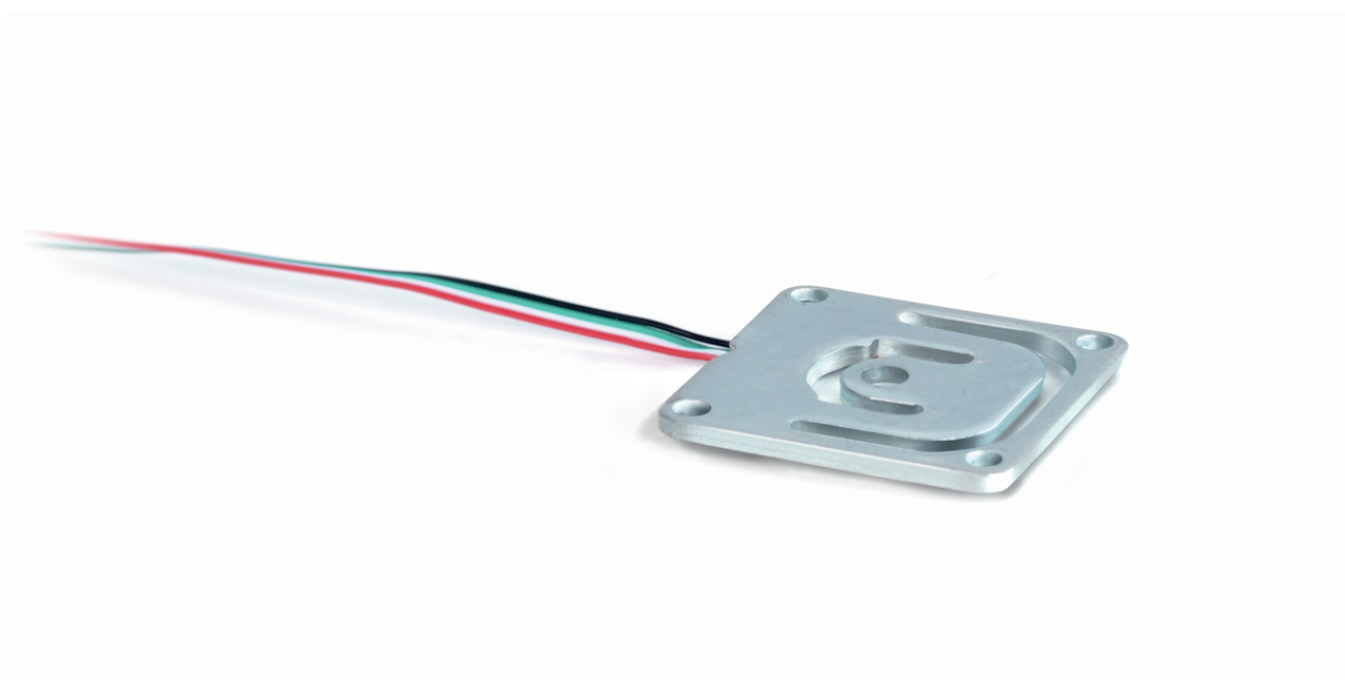


PRODUCT BROCHURE

SAUTER CK 10-Y1

Date: 23.04.2025

ENGLISH



Flat miniature alloy steel load cell

CONTACT

KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

Phone : +49 7433 9933-0
Fax : +49 7433 9933-149
Email : info@kern-sohn.com
Web : www.kern-sohn.com



Scan here for more
information

PRODUCT SHOWCASE



DESCRIPTION

- High precision (comprehensive Error 0,05% F.S.)
- Very low design
- RoHS compliant
- Full bridge circuit(junction box required to connect several measuring cells)
- 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-Y1
Model-Serie	CK Y1
Assortment	Sauter
Product Type	Measuring cells
Product group	Load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	404576 1246362
Customs tariff number	84239010

Technical data - Primary

Force directions	compression
OIML class	C1
Weighing capacity	10 kg

Technical data - Construction

IP Protection	IP66
Material	steel, galvanized
Dimensions (W×D×H)	34×34×4,5 mm
cable length	0.45 m
Mounting force in	Hole Ø 5 mm

Mounting force out 4x Durchgangsbohrung
 Ø3,1mm

FUNCTIONS

Standard

Technical data - Power supply

Excitation Voltage min. 3 V

Excitation Voltage max. 10 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

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-Y1	compression	C1	10 kg
CK 30-Y1	compression	C1	30 kg