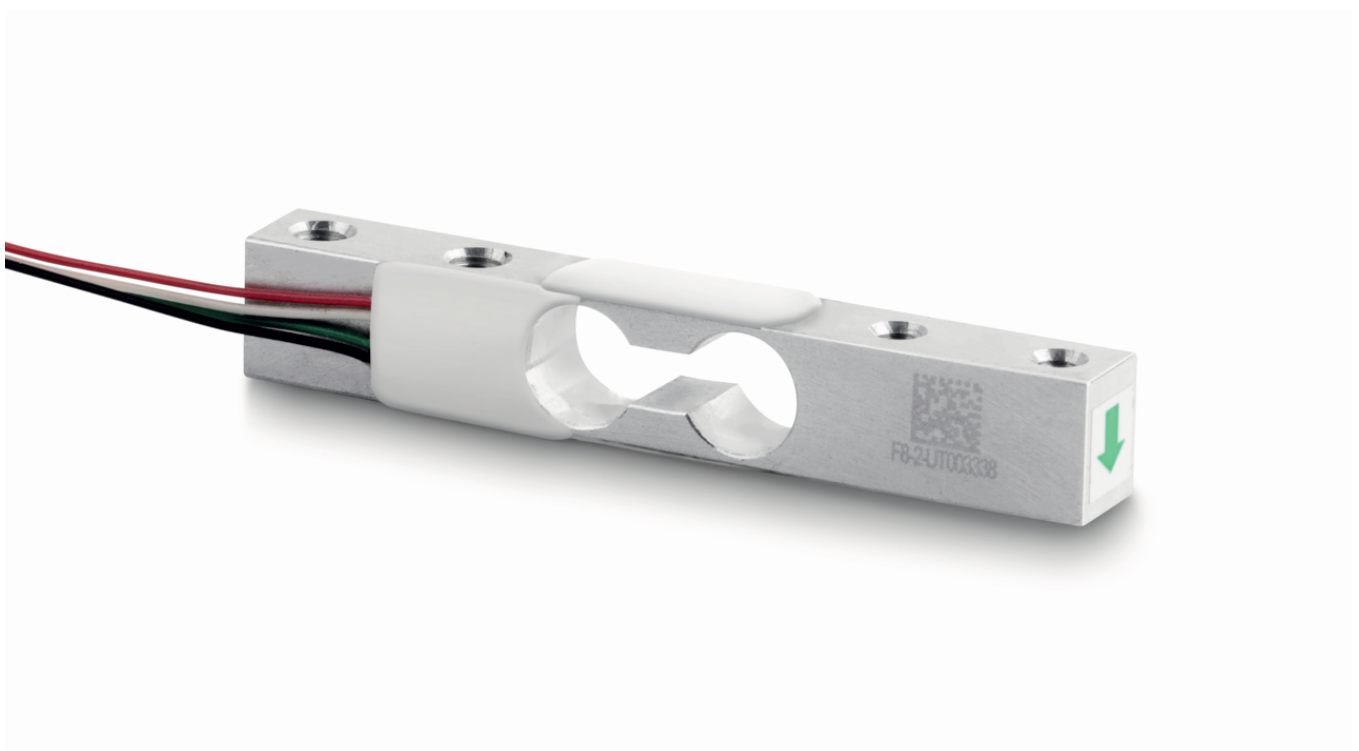


PRODUCT BROCHURE

SAUTER CK 1-0P1

Date: 23.04.2025

ENGLISH



Miniature load cell made of aluminium

CONTACT

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information

DESCRIPTION

- High level of accuracy
- Suitable for small scales and kitchen scales and force-measuring devices

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	CK 1-OP1
Model-Serie	CK P1
Assortment	Sauter
Product Type	Measuring cells
Product group	Load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761221109
Customs tariff number	84239010

Technical data - Primary

Force directions	compression
OIML class	C2
Weighing capacity	1 kg

Technical data - Construction

IP Protection	IP65
Material	aluminium
Dimensions (W×D×H)	80×10×12,7 mm
cable length	0.25 m
Mounting force in	2x Gewindebohrung M4
Mounting force out	2x Gewindebohrung M5

Technical data - Power supply

Excitation Voltage min.	5 V
Excitation Voltage max.	9 V

Technical data - Measuring system

Full scale output	1,5 mV/V
combined error	0,03%
load cell connection	4-guide
Measuring applications	mass

Technical data - Environmental conditions

Usage Temperature (min)	-10 °C
Usage temperature (max)	40 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	145×60×35 mm
Gross weight	0.10 kg
Net weight	0.05 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	43 g
Delivery time	1 d

Technical data - Verification

Verification approval yes
conforming to
2014/31/EU

FUNCTIONS

Standard



Option



ACCESSORIES

Model	Description
YKV-01	IoT-Line Digital Weighing Transmitter KERN YKV-01
CJ P4PG	Junction Box SAUTER CJ P4PG
CJ P4	Junction Box SAUTER CJ P4
CJ P2	Junction Box SAUTER CJ P2

SERVICES

Model	Description
963-26 1IV	DAkkS Calibration KERN 963-26 1IV
963-26 1V	DAkkS Calibration KERN 963-26 1V
965-4 1 1	Assembly of components (< 50kg) 965-4 1 1
970-010	Warranty extension KERN (+3 years) 970-010

RELATED ARTICLES DATA

Model name	Force directions	OIML class	Weighing capacity
CK 600-0P1	compression	C2	600 g
CK 1-0P1	compression	C2	1 kg
CK 2-0P1	compression	C2	2 kg

Model name	Force directions	OIML class	Weighing capacity
CK 3-0P1	compression	C2	3 kg
CK 5-0P1	compression	C2	5 kg
CK 6-0P1	compression	C2	6 kg