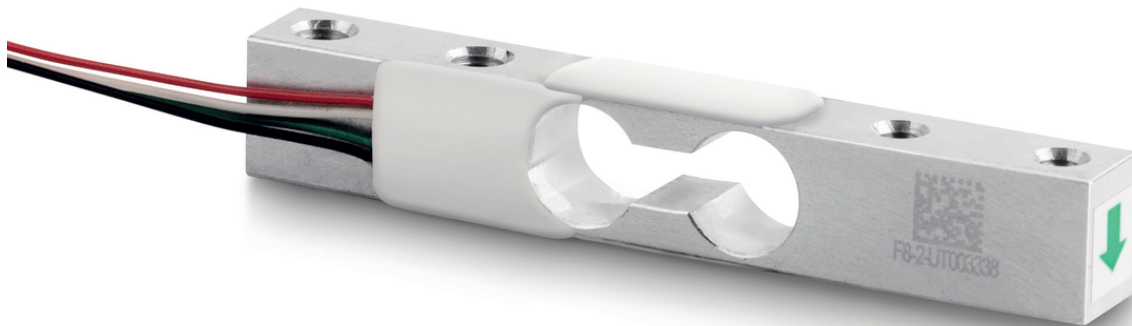


PRODUCT BROCHURE

SAUTER CK 6-0P1

Date: 08.05.2025

ENGLISH



Miniature load cell made of aluminium

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

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 6-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)	4045761247420
Predecessor Model	CK 6-OP1-2019a
Customs tariff number	84239010
CE Label	yes

Technical data - Primary

Force directions	compression
OIML class	C2
Weighing capacity	6 kg

Technical data - Construction

IP Protection	IP65
Material	aluminium
Dimensions (W×D×H)	80×12,7×12,7 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	1,2 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 - 43 g
by weight - cardboard

Delivery time 1 d

FUNCTIONS

Standard



Option



ACCESSORIES

Model	Description
YKV-01	IoT-Line Digital Weighing Transmitter KERN YKV-01
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 600-0P1	compression	C2	600 g
CK 1-0P1	compression	C2	1 kg
CK 2-0P1	compression	C2	2 kg
CK 3-0P1	compression	C2	3 kg
CK 5-0P1	compression	C2	5 kg
CK 6-0P1	compression	C2	6 kg