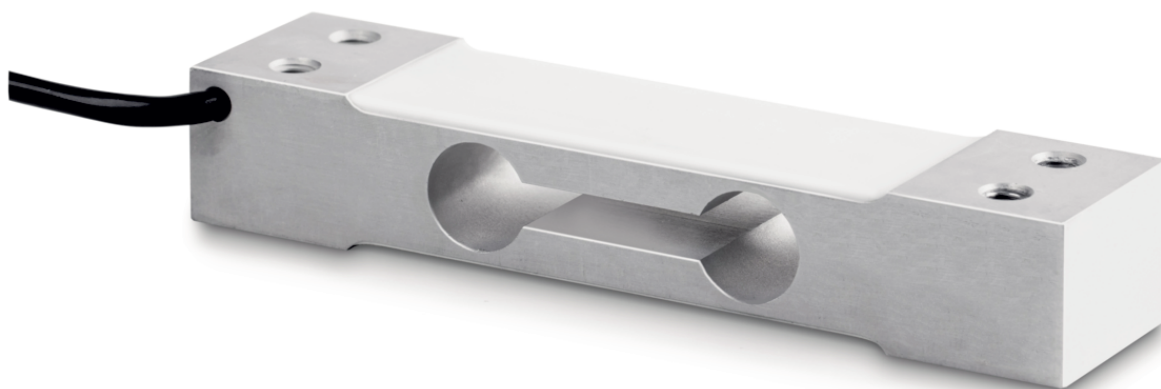


PRODUCT BROCHURE

SAUTER CP 8-3P1

Date: 10.03.2026

ENGLISH



Single-point load cell made of anodised 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

- CE and RoHS compliant
- Suitable for price-computing scales, bench scales, platform scales, etc.
- Maximum platform size 250×350 mm

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	CP 8-3P1
Model-Serie	CP P1
Assortment	Sauter
Product Type	Measuring cells
Product group	Single-point load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	404576 1221154
Customs tariff number	84239010
CE Label	yes
Country of Origin	CN

Technical data - Primary

Force directions	compression
OIML class	C3
Weighing capacity	8 kg

Technical data - Construction

IP Protection	IP65
Material	aluminium

Dimensions (W×D×H)	130×30×22 mm
cable length	0.4 m
Mounting force in	2x threaded hole M6
Mounting force out	2x threaded hole M6

Technical data - Power supply

Excitation Voltage min.	5 V
Excitation Voltage max.	12 V

Technical data - Measuring system

Full scale output	2 mV/V
combined error	0,023%
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)	160×95×45 mm
Gross weight	0.25 kg
Net weight	0.20 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	39 g
Delivery time	1 d

Technical data - Verification

Resolution loadcell (e)	3000 e
-------------------------	--------

FUNCTIONS

Standard



Option



ACCESSORIES

Model	Description
<u>YKV-01</u>	IoT-Line Digital Weighing Transmitter KERN YKV-01
<u>CJ P2</u>	Junction Box SAUTER CJ P2
<u>YKV-02</u>	IoT-Line Digital Weighing Transmitter KERN YKV-02
<u>CJ P4PG</u>	Junction Box SAUTER CJ P4PG
<u>CJ P4</u>	Junction Box SAUTER CJ P4
<u>CE WT1-Y1</u>	Analogue Weighing Transmitter SAUTER CE WT1-Y1
<u>CE WT3-Y1</u>	Analogue Weighing Transmitter SAUTER CE WT3-Y1
<u>CE WT1-Y2</u>	Analogue Weighing Transmitter SAUTER CE WT1-Y2

Model	Description
<u>CJ X468</u>	Junction Box SAUTER CJ X468
<u>CJ X467</u>	Junction Box SAUTER CJ X467

SERVICES

Model	Description
<u>965-411</u>	Assembly of components (< 50kg) 965-411