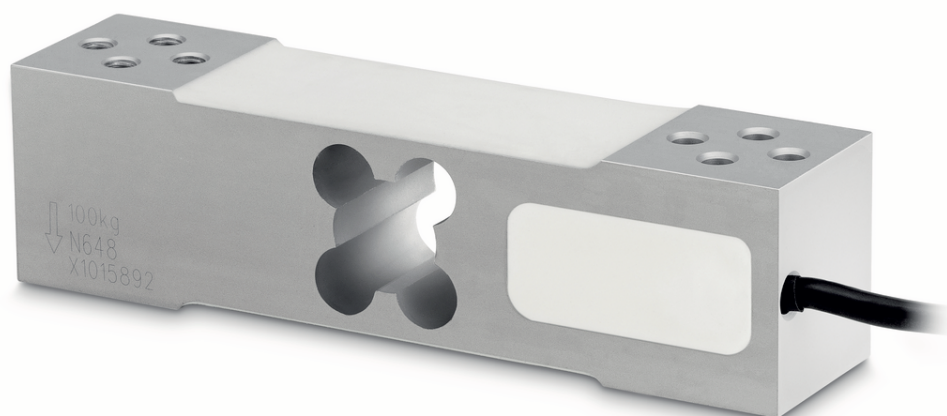


PRODUCT BROCHURE

SAUTER CP 100-3P2

Date: 29.04.2025

ENGLISH



Single-point load cell made of aluminium

CONTACT

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information

DESCRIPTION

- RoHS compliant
- Suitable for price computing scales, bench scales etc.
- Maximum platform size 400×400 mm

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	CP 100-3P2
Model-Serie	CP P2
Assortment	Sauter
Product Type	Measuring cells
Product group	Single-point load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	404576 122 1253
Customs tariff number	84239010
CE Label	yes

Technical data - Primary

Force directions	compression
OIML class	C3
Weighing capacity	100 kg

Technical data - Construction

IP Protection	IP65
Material	aluminium
Dimensions (W×D×H)	150×35×40 mm
cable length	2 m

Mounting force in	4x Gewindebohrung M6
Mounting force out	4x Gewindebohrung 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)	160×105×110 mm
Gross weight	0.65 kg
Net weight	0.60 kg
Shipping method	Parcel service

Packaging component - 54 g
by weight - cardboard

Delivery time 1 d

Technical data - Verification

Resolution loadcell (e) 3000 e

FUNCTIONS

Standard



Option



ACCESSORIES

Model	Description
YKV-01	IoT-Line Digital Weighing Transmitter KERN YKV-01
CJ P2	Junction Box SAUTER CJ P2
YKV-02	IoT-Line Digital Weighing Transmitter KERN YKV-02
CJ P4PG	Junction Box SAUTER CJ P4PG
CJ P4	Junction Box SAUTER CJ P4
CE WT4-Y1	Analogue Weighing Transmitter SAUTER CE WT4-Y1

SERVICES

Model	Description
965-412	Assembly of components (> 50 kg - 350 kg) 965-412
970-011	Warranty extension KERN (+3 years) 970-011

RELATED ARTICLES DATA

Model name	Force directions	OIML class	Weighing capacity
CP 100-3P2	compression	C3	100 kg

Model name	Force directions	OIML class	Weighing capacity
CP 150-3P2	compression	C3	150 kg
CP 200-3P2	compression	C3	200 kg
CP 300-3P2	compression	C3	300 kg
CP 400-3P2	compression	C3	400 kg
CP 500-3P2	compression	C3	500 kg