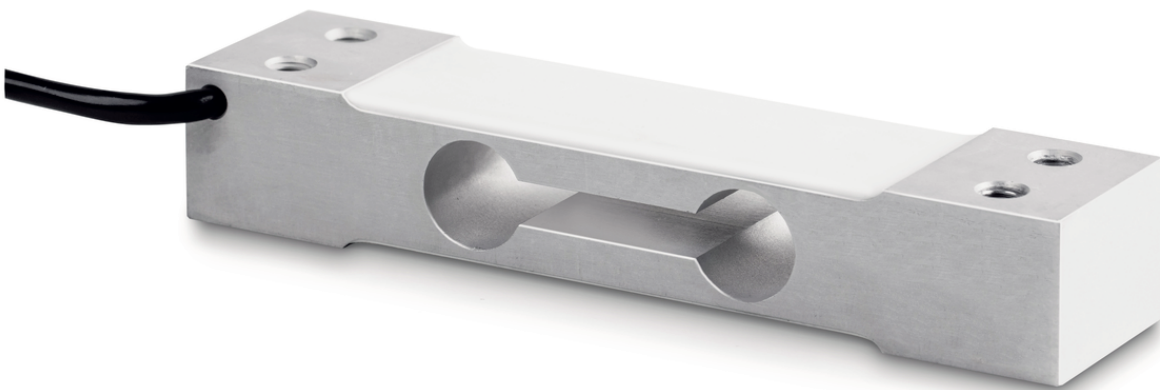


PRODUCT BROCHURE

SAUTER CP 100-3-3Y1

Date: 07.09.2025

ENGLISH



Single-point load cell made of anodised aluminium

CONTACT

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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 100-3-3Y1
Model-Serie	CP Y1
Assortment	Sauter
Product Type	Measuring cells
Product group	Single-point load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	404576 1365278
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)	130×22×30 mm
cable length	3 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	0,03%
load cell connection	4-guide

Technical data - Environmental conditions

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

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	170×110×25 mm
Gross weight	0.10 kg
Net weight	0.10 kg
Shipping method	Parcel service

Packaging component - by weight - cardboard	22 g
Packaging component - by weight - plastics	2 g
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
CE WT1-Y1	Analogue Weighing Transmitter SAUTER CE WT1-Y1
CE WT3-Y1	Analogue Weighing Transmitter SAUTER CE WT3-Y1
CE WT4-Y1	Analogue Weighing Transmitter SAUTER CE WT4-Y1
CE WT1-Y2	Analogue Weighing Transmitter SAUTER CE WT1-Y2
CE WT2-Y4	Analogue Weighing Transmitter SAUTER CE WT2-Y4
CE WT1-Y4	Analogue Weighing Transmitter SAUTER CE WT1-Y4
CJ X468	Junction Box SAUTER CJ X468
CJ X467	Junction Box SAUTER CJ X467

SERVICES

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

Model	Description
CE WT-01	plug of transmitter welding on load cell CE WT-01
970-010	Warranty extension KERN (+3 years) 970-010

RELATED ARTICLES DATA

Model name	Force directions	OIML class	Weighing capacity
CP 10-2Y1	compression	C2	10 kg
CP 15-2Y1	compression	C2	15 kg
CP 20-2Y1	compression	C2	20 kg
CP 30-2Y1	compression	C2	30 kg
CP 100-3-3Y1	compression	C3	100 kg
CP 3-2Y1	compression	C2	3 kg
CP 5-2Y1	compression	C2	5 kg