

PRODUCT BROCHURE

SAUTER CP 100-3P7

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ENGLISH



Single-Point load cell made of stainless steel

CONTACT

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information

DESCRIPTION

- RoHS compliant
- Area of application: Mass as well as compressive force measurement in harsh environmental conditions
- 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 100-3P7
Model-Serie	CP P7
Assortment	Sauter
Product Type	Measuring cells
Product group	Single-point load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	404576 1254084
Customs tariff number	84239010
CE Label	yes
Country of Origin	CN

Technical data - Primary

Force directions	compression
OIML class	C3
Weighing capacity	100 kg

Technical data - Construction

IP Protection	IP67
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Material	stainless steel
Dimensions (W×D×H)	150×25,4×40 mm
cable length	1 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	6-Leiter
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)	235×115×45 mm
Gross weight	1.2 kg
Net weight	1.00 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	67 g
Delivery time	1 d

Technical data - Verification

Resolution loadcell (e)	3000 e
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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 WT1-Y1	Analogue Weighing Transmitter SAUTER CE WT1-Y1

Model	Description
<u>CE WT3-Y1</u>	Analogue Weighing Transmitter SAUTER CE WT3-Y1
<u>CE WT1-Y2</u>	Analogue Weighing Transmitter SAUTER CE WT1-Y2
<u>CJ X468</u>	Junction Box SAUTER CJ X468
<u>CJ X467</u>	Junction Box SAUTER CJ X467

SERVICES

Model	Description
<u>965-412</u>	Assembly of components (> 50 kg - 350 kg) 965-412