

PRODUCT BROCHURE

SAUTER CR 500-3P1

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ENGLISH



Loadcell made of stainless steel

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DESCRIPTION

- RoHS compliant
- Area of application: Measuring mass as well as compressive force
- Suitable for weighbridges, handing scales, silo scales and other types of balances, test stands, etc.

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	CR 500-3P1
Model-Serie	CR P1
Assortment	Sauter
Product Type	Measuring cells
Product group	Load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761228122
Customs tariff number	90249000
CE Label	yes

Technical data - Primary

Force directions	compression
OIML class	C3
Weighing capacity	500 kg
Max (N)	5 kN

Technical data - Construction

IP Protection	IP68
Material	stainless steel
cable length	3 m

Mounting force in Pressure piece CE P244012 or load corner CE P244011

Mounting force out 3x Gewindebohrung M6

Technical data - Power supply

Excitation Voltage min. 10 V

Excitation Voltage max. 15 V

Technical data - Measuring system

Full scale output 2 mV/V

combined error 0,023%

load cell connection 4-guide

measuring applications force;mass

Technical data - Environmental conditions

Usage Temperature (min) -10 °C

Usage temperature (max) 40 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H) 220×180×60 mm

Gross weight 1.00 kg

Net weight 0.80 kg

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Shipping method Parcel service

Packaging component -
by weight - cardboard 172 g

Delivery time 4 d

Technical data - Verification

Resolution loadcell (e) 3000 e

FUNCTIONS

Standard



Option



ACCESSORIES

Model	Description
CJ P2	Junction Box SAUTER CJ P2
CJ P4PG	Junction Box SAUTER CJ P4PG
CE P244011	Load corner SAUTER CE P244011
CJ P4	Junction Box SAUTER CJ P4
FS TKZ	Transport case SAUTER FS TKZ

SERVICES

Model	Description
963-263	DAkkS Calibration KERN 963-263
FS 404	Plug SAUTER FS 404
963-263IV	DAkkS Calibration KERN 963-263IV
963-263V	DAkkS Calibration KERN 963-263V
970-104	Warranty extension KERN (+2 years) 970-104

RELATED ARTICLES DATA

Model name	Force directions	OIML class	Weighing capacity	Max (N)
CR 60-3P1	compression	C3	60 kg	600 N
CR 130-3P1	compression	C3	130 kg	1,3 kN
CR 500-3P1	compression	C3	500 kg	5 kN
CR 250-3P1	compression	C3	250 kg	2,5 kN
CR 1000-3P1	compression	C3	1000 kg	10 kN
CR 2000-3P1	compression	C3	2000 kg	20 kN