

PRODUCT BROCHURE

SAUTER CD 20-3P1

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ENGLISH



Loadcell made of stainless steel

CONTACT

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DESCRIPTION

- RoHS compliant
- Area of application: Measuring mass as well as compressive force
- Suitable for vehicle scales, weigh hoppers, vehicle testing equipment, test stands

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	CD 20-3P1
Model-Serie	CD P1
Assortment	Sauter
Product Type	Measuring cells
Product group	Load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761220805
Customs tariff number	90249000

Technical data - Primary

Force directions	compression
OIML class	C3
Weighing capacity	20000 kg
Max (N)	200 kN

Technical data - Construction

IP Protection	IP68
Material	stainless steel
cable length	15 m
Mounting force in	Pressure piece

Mounting force out Pressure piece

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	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)	220×220×160 mm
Gross weight	2.8 kg
Net weight	2.2 kg
Shipping method	Parcel service

Packaging component -
by weight - cardboard

500 g

Delivery time

2 d

Technical data - Verification

Verification approval
conforming to
2014/31/EU

yes

Resolution loadcell (e)

3000 e

FUNCTIONS

Standard



ACCESSORIES

Model	Description
CJ P4PG	Junction Box SAUTER CJ P4PG
CJ P4	Junction Box SAUTER CJ P4
CE WT4-Y1	Analogue Weighing Transmitter SAUTER CE WT4-Y1
CJ P2	Junction Box SAUTER CJ P2

SERVICES

Model	Description
965-415	Assembly of components (> 2900 kg - 6000 kg) 965-415
970-017	Warranty extension KERN (+3 years) 970-017
961-267V	Factory calibration KERN 961-267V
961-267VR	Factory calibration KERN 961-267VR
961-267	Factory calibration KERN 961-267
FS 401	Numerical adjustment FS 401

RELATED ARTICLES DATA

Model name	Force directions	OIML class	Weighing capacity	Max (N)
CD 20-3P1	compression	C3	20000 kg	200 kN