

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)	404576 1220805
Customs tariff number	90249000
CE Label	yes

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 - 500 g
by weight - cardboard

Delivery time 2 d

Technical data - Verification

Resolution loadcell (e) 3000 e

FUNCTIONS

Standard



ACCESSORIES

Model	Description
CJ P2	Junction Box SAUTER CJ P2
CE P10330	Pressure piece SAUTER CE P10330
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

SERVICES

Model	Description
965-415	Assembly of components (> 2900 kg - 6000 kg) 965-415
FS 401	Numerical adjustment FS 401
961-267VR	Factory calibration KERN 961-267VR
961-267V	Factory calibration KERN 961-267V
961-267	Factory calibration KERN 961-267

Model	Description
970-017	Warranty extension KERN (+3 years) 970-017

RELATED ARTICLES DATA

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