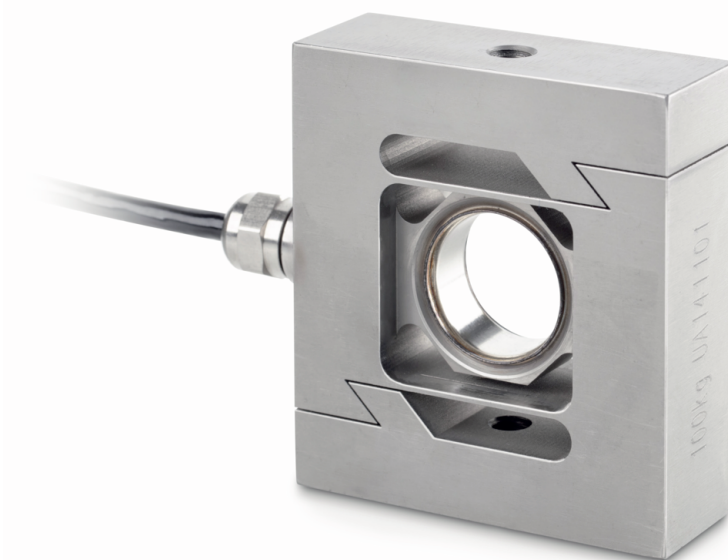


PRODUCT BROCHURE

SAUTER CS 250-3P2

Date: 23.04.2025

ENGLISH



"S"-Load/force measuring cell made from stainless steel

CONTACT

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PRODUCT SHOWCASE



DESCRIPTION

- RoHS compliant
- Area of application: Measuring mass as well as compressive force
- Suitable for hanging scales, silo scales, force test stands and various other balances

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	CS 250-3P2
Model-Serie	CS P2
Assortment	Sauter
Product Type	Measuring cells
Product group	S-shape load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761232563
Customs tariff number	90249000

Technical data - Primary

Force directions	compression;tension
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OIML class	C3
Weighing capacity	250 kg
Max (N)	2,5 kN

Technical data - Construction

IP Protection	IP68
Material	stainless steel
Dimensions (W×D×H)	92×86×50 mm
cable length	6 m
Mounting force in	threaded hole M12
Mounting force out	Threaded hole M12

Technical data - Measuring system

Full scale output	2 mV/V
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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) 200×180×55 mm

Gross weight 1.2 kg

Net weight 1.00 kg

Shipping method Parcel service

Packaging component - by weight - cardboard 112 g

Delivery time 1 d

Technical data - Verification

Verification approval conforming to 2014/31/EU yes

Resolution loadcell (e) 3000 e

FUNCTIONS

Standard



Option

ACCESSORIES

Model	Description
AFM 16	Adapter KERN AFM 16
AFM 18	Thread SAUTER AFM 18
AFM 21	Thread SAUTER AFM 21
FS TKZ	Transport case SAUTER FS TKZ
CJ P2	Junction Box SAUTER CJ P2
AFM 19	Sleeve SAUTER AFM 19
CE WT4-Y1	Analogue Weighing Transmitter SAUTER CE WT4-Y1
YKV-01	IoT-Line Digital Weighing Transmitter KERN YKV-01
CJ P4PG	Junction Box SAUTER CJ P4PG
AFM 17	Thread SAUTER AFM 17
CJ P4	Junction Box SAUTER CJ P4

SERVICES

Model	Description
963-163V	DAkkS Calibration KERN 963-163V
963-263IV	DAkkS Calibration KERN 963-263IV
963-363IV	DAkkS Calibration KERN 963-363IV
963-163	DAkkS Calibration KERN 963-163
963-263	DAkkS Calibration KERN 963-263
970-017	Warranty extension KERN (+3 years) 970-017
FS 404	Plug SAUTER FS 404
963-163IV	DAkkS Calibration KERN 963-163IV
963-363V	DAkkS Calibration KERN 963-363V
963-363	DAkkS Calibration KERN 963-363
963-263V	DAkkS Calibration KERN 963-263V

RELATED ARTICLES DATA

Model name	Force directions	OIML class	Weighing capacity	Max (N)
CS 5000-3P2	compression;tension	C3	5000 kg	50 kN
CS 7500-3P2	compression;tension	C3	7500 kg	75 kN

Model name	Force directions	OIML class	Weighing capacity	Max (N)
CS 2000-3P2	compression;tension	C3	2000 kg	20 kN
CS 50-3P2	compression;tension	C3	50 kg	500 N
CS 100-3P2	compression;tension	C3	100 kg	1 kN
CS 250-3P2	compression;tension	C3	250 kg	2,5 kN
CS 500-3P2	compression;tension	C3	500 kg	5 kN