

PRODUCT BROCHURE

SAUTER CS 2000-3P2

Date: 23.04.2025

ENGLISH



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

CONTACT

KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

Phone : +49 7433 9933-0
Fax : +49 7433 9933-149
Email : info@kern-sohn.com
Web : www.kern-sohn.com



Scan here for more
information

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 2000-3P2
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)	4045761232570
Customs tariff number	90249000

Technical data - Primary

Force directions	compression;tension
------------------	---------------------

OIML class C3

Weighing capacity 2000 kg

Max (N) 20 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 M20 × 1,5

Mounting force out Threaded hole M20 × 1,5

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)	205×170×60 mm
Gross weight	1.8 kg
Net weight	1.6 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	107 g
Delivery time	1 d

Technical data - Verification

Verification approval conforming to 2014/31/EU	yes
Resolution loadcell (e)	3000 e

FUNCTIONS

Standard
  IP 68
Option

ACCESSORIES

Model	Description
FS TKZ	Transport case SAUTER FS TKZ
CE WT4-Y1	Analogue Weighing Transmitter SAUTER CE WT4-Y1
YKV-01	IoT-Line Digital Weighing Transmitter KERN YKV-01
CJ P2	Junction Box SAUTER CJ P2
CJ P4PG	Junction Box SAUTER CJ P4PG
CJ P4	Junction Box SAUTER CJ P4

SERVICES

Model	Description
970-015	Warranty extension KERN (+3 years) 970-015
FS 406	Plug SAUTER FS 406
961-364V	Factory calibration KERN 961-364V
961-164V	Factory calibration KERN 961-164V

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
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