

PRODUCT BROCHURE

SAUTER CS 5000-3P2

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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 5000-3P2
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)	4045761232150
Customs tariff number	84239010

Technical data - Primary

Force directions	compression;tension
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OIML class C3

Weighing capacity 5000 kg

Max (N) 50 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 M24 × 2

Mounting force out Threaded hole M24 × 2

Technical data - Measuring system

Full scale output 2 mV/V

combined error	0,023%
load cell connection	4-guide
Measuring applications	force;mass



Option



Technical data - Environmental conditions

Usage Temperature (min)	-10 °C
Usage temperature (max)	40 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	215×220×150 mm
Gross weight	3 kg
Net weight	2.4 kg
Shipping method	Parcel service
Packaging component - by weight - paper	560 g
Packaging component - by weight - cardboard	589 g
Packaging component - by weight - metal	29 g
Delivery time	1 d

Technical data - Verification

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

FUNCTIONS

Standard

ACCESSORIES

Model	Description
CJ P2	Junction Box SAUTER CJ P2
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
CJ P4	Junction Box SAUTER CJ P4

SERVICES

Model	Description
FS 406	Plug SAUTER FS 406
970-017	Warranty extension KERN (+3 years) 970-017
961-165	Factory calibration KERN 961-165
961-365	Factory calibration KERN 961-365
961-165V	Factory calibration KERN 961-165V
961-265	Factory calibration KERN 961-265
961-265V	Factory calibration KERN 961-265V
961-365V	Factory calibration KERN 961-365V

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