

PRODUCT BROCHURE

SAUTER CS 7500-3P2

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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 7500-3P2
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)	4045761236028
Customs tariff number	90249000

Technical data - Primary

Force directions	compression;tension
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OIML class C3

Weighing capacity 7500 kg

Max (N) 75 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



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 1.6 kg

Net weight 1.4 kg

Shipping method Parcel service

Packaging component - by weight - cardboard 640 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
CJ P4	Junction Box SAUTER CJ P4
YKV-01	IoT-Line Digital Weighing Transmitter KERN YKV-01
CJ P4PG	Junction Box SAUTER CJ P4PG
CJ P2	Junction Box SAUTER CJ P2
CE WT4-Y1	Analogue Weighing Transmitter SAUTER CE WT4-Y1

SERVICES

Model	Description
961-265	Factory calibration KERN 961-265
961-266V	Factory calibration KERN 961-266V
961-366V	Factory calibration KERN 961-366V
961-266	Factory calibration KERN 961-266
961-366	Factory calibration KERN 961-366
970-017	Warranty extension KERN (+3 years) 970-017
961-165	Factory calibration KERN 961-165
961-166	Factory calibration KERN 961-166
961-365	Factory calibration KERN 961-365
FS 407	Plug SAUTER FS 407
961-166V	Factory calibration KERN 961-166V

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