

PRODUCT BROCHURE

SAUTER CS 7500-3P2

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ENGLISH



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

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PRODUCT SHOWCASE



ENGLISH

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)	404576 1236028
Customs tariff number	90249000
CE Label	yes

Technical data - Primary

Force directions	compression;tension
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

Resolution loadcell (e)	3000 e
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FUNCTIONS

Standard



Option



ACCESSORIES

Model	Description
YKV-01	IoT-Line Digital Weighing Transmitter KERN YKV-01
CJ P2	Junction Box SAUTER CJ P2
CE RR24	Rod end SAUTER CE RR24
CJ P4PG	Junction Box SAUTER CJ P4PG
FS 407	Plug SAUTER FS 407
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
CJ X468	Junction Box SAUTER CJ X468
CJ X467	Junction Box SAUTER CJ X467

SERVICES

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

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