SAUTER

PRODUCT BROCHURE

SAUTER
CS 5000-3Q1

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ENGLISH



6-wire "S" measuring cell made of nickel-plated steel for force and mass measurement

CONTACT

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Scan here for more information

DESCRIPTION

- RoHS compliant
- Area of application: for tensile and compressive force measurement
- Suitable for handing scales, weigh hoppers and other weighing devices as well as force measurement devices and test stands

ENGLISH

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	CS 5000-3Q1
Model-Serie	CS Q1
Assortment	Sauter
Product Type	Measuring cells
Product group	S-shape load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761222052
Customs tariff number	90249000
CE Label	yes
Country of Origin	ES

Technical data - Primary

Force directions	compression;tension
OIML class	C3
Weighing capacity	5000 kg
Max (N)	50 kN

Technical data - Construction

IP Protection	IP67
Material	steel, nickel-plated
Dimensions (W×D×H)	120×100×45 mm
cable length	5 m
Mounting force in	Threaded hole M24 × 2
Mounting force out	Threaded hole M24 × 2

Technical data - Power supply

Excitation Voltage min.	10 V
Excitation Voltage max.	15 V

Technical data - Measuring system

Full scale output	2 mV/V
combined error	0,017%
load cell connection	6-Leiter
measuring applications	force;mass

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	220×135×100 mm
Gross weight	3.6 kg
Net weight	3.4 kg

Shipping method	Parcel service
Packaging component - by weight - cardboard	265 g
Packaging component - by weight - foam	42 g
Delivery time	1 d

Technical data - Verification

Resolution loadcell (e)	3000 e

FUNCTIONS

Standard



Option



ACCESSORIES

Model	Description
YKV-01	IoT-Line Digital Weighing Transmitter KERN YKV-01
CE R24	Rod end SAUTER CE R24
CE RR24	Rod end SAUTER CE RR24
CE Q24	Traction device SAUTER CE Q24
FS 406	Plug SAUTER FS 406
CE WT1-Y1	Analogue Weighing Transmitter SAUTER CE WT1-Y1
CE WT3-Y1	Analogue Weighing Transmitter SAUTER CE WT3-Y1
CE WT1-Y2	Analogue Weighing Transmitter SAUTER CE WT1-Y2

SERVICES

Model	Description
961-165	Factory calibration KERN 961-165
961-265	Factory calibration KERN 961-265
961-365	Factory calibration KERN 961-365
961-165V	Factory calibration KERN 961-165V
961-265V	Factory calibration KERN 961-265V
961-365V	Factory calibration KERN 961-365V