SAUTER

PRODUCT BROCHURE

SAUTER CS 300-3Q1

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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 300-3Q1
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)	4045761222045
Customs tariff number	90249000
CE Label	yes
Country of Origin	ES

Technical data - Primary

Force directions	compression;tension
OIML class	C3
Weighing capacity	300 kg
Max (N)	3 kN

Technical data - Construction

IP Protection	IP67
Material	steel, nickel-plated
Dimensions (W×D×H)	80×62,1×19 mm
cable length	5 m
Mounting force in	threaded hole M12
Mounting force out	Threaded hole M12

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)	250×155×60 mm
Gross weight	0.90 kg
Net weight	0.80 kg

Shipping method	Parcel service
Packaging component - by weight - cardboard	242 g
Packaging component - by weight - plastics	5 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 R12	Rod end SAUTER CE R12
CE RR12	Rod end SAUTER CE RR12
CE Q12	Traction device SAUTER CE Q12
AFM 16	Adapter KERN AFM 16
AFM 17	Thread SAUTER AFM 17
AFM 18	Thread SAUTER AFM 18
AFM 19	Sleeve SAUTER AFM 19
AFM 21	Thread SAUTER AFM 21
FS 404	Plug SAUTER FS 404
FS TKZ	Transport case SAUTER FS TKZ

Model	Description
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
961-163	Factory calibration KERN 961-163
961-263	Factory calibration KERN 961-263
961-363	Factory calibration KERN 961-363
963-163	DAkkS Calibration KERN 963-163
963-262	DAkkS Calibration KERN 963-262
963-362	DAkkS Calibration KERN 963-362
963-163IV	DAkkS Calibration KERN 963-163IV
963-163V	DAkkS Calibration KERN 963-163V
963-263IV	DAkkS Calibration KERN 963-263IV
963-263V	DAkkS Calibration KERN 963-263V
963-363IV	DAkkS Calibration KERN 963-363IV
963-363V	DAkkS Calibration KERN 963-363V