SAUTER

PRODUCT BROCHURE

SAUTER CR 10000-1Q1

Date: 10.03.2026

ENGLISH



Loadcell made of stainless steel

CONTACT

KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

Phone : +49 7433 9933-0
Fax : +49 7433 9933-149
Email : info@kern-sohn.com
Web : www.kern-sohn.com

Scan here for more information

DESCRIPTION

- RoHS compliant
- Area of application: Measuring mass as well as compressive force
- Suitable for vehicle scales, weigh hoppers, vehicle testing equipment, test stands

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	CR 10000-1Q1
Model-Serie	CR Q1
Assortment	Sauter
Product Type	Measuring cells
Product group	Load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761222120
Customs tariff number	90249000
CE Label	yes
Country of Origin	ES

Technical data - Primary

Force directions	compression
OIML class	C1
Weighing capacity	10000 kg
Max (N)	100 kN

Technical data - Construction

IP Protection	IP68
Material	stainless steel
cable length	10 m

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	0,05%
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)	250×155×60 mm
Gross weight	1.4 kg

ENGLISH

Net weight	1.2 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)	1000e

FUNCTIONS

Standard



Option



ACCESSORIES

Model	Description
CE RQ42901	Load corner SAUTER CE RQ42901
CE Q42901	Load corner SAUTER CE Q42901
FS 407	Plug SAUTER FS 407
FS TKZ	Transport case SAUTER FS TKZ

SERVICES

Model	Description
961-266	Factory calibration KERN 961-266
961-266V	Factory calibration KERN 961-266V