SAUTER

PRODUCT BROCHURE

SAUTER CR 30000-1Q1

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 30000-1Q1
Model-Serie	CR Q1
Assortment	Sauter
Product Type	Measuring cells
Product group	Load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761222168
Customs tariff number	90249000
CE Label	yes
Country of Origin	ES

Technical data - Primary

Force directions	compression
OIML class	C1
Weighing capacity	30000 kg
Max (N)	300 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)	220×135×100 mm
Gross weight	3.2 kg

ENGLISH

Net weight	2.8 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	265 g
Packaging component - by weight - styrofoam	9 g
Delivery time	1 d

Technical data - Verification

Resolution loadcell (e)	1000e

FUNCTIONS

Standard



ACCESSORIES

Model	Description
CE RQ42902	Load corner SAUTER CE RQ42902
FS 401	Numerical adjustment FS 401
FS 408	Plug SAUTER FS 408

SERVICES

Model	Description
961-267	Factory calibration KERN 961-267