

PRODUCT BROCHURE

SAUTER CR 30000-1Q1

Date: 23.04.2025

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

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
Net weight	2.8 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	265 g

Packaging component - 9 g
by weight - styrofoam

Delivery time 1 d

Technical data - Verification

Verification approval
conforming to
2014/31/EU yes

Resolution loadcell (e) 1000e

FUNCTIONS

Standard



SERVICES

Model	Description
FS 401	Numerical adjustment FS 401
970-101	Warranty extension KERN (+2 years) 970-101

RELATED ARTICLES DATA

Model name	Force directions	OIML class	Weighing capacity	Max (N)
CR 2500-1Q1	compression	C1	2500 kg	25 kN
CR 5000-1Q1	compression	C1	5000 kg	50 kN
CR 10000-1Q1	compression	C1	10000 kg	100 kN
CR 20000-1Q1	compression	C1	20000 kg	200 kN
CR 30000-1Q1	compression	C1	30000 kg	300 kN