SAUTER

PRODUCT BROCHURE

SAUTER CR 1000-1Y1

Date: 10.03.2026

ENGLISH



Loadcell made of steel alloy

CONTACT

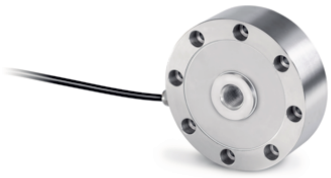
KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

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

PRODUCT SHOWCASE





ENGLISH

DESCRIPTION

- High precision (comprehensive error 0,05% F.S.)
- RoHS compliant
- Area of application: for weight, tensile and compressive force measurement
- Suitable for weight measurement as well as force and force test stands
- Force transmission via pressure piece or threaded hole
- Pressure piece included with delivery

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	CR 1000-1Y1
Model-Serie	CR Y1
Assortment	Sauter
Product Type	Measuring cells
Product group	Load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761246171
Customs tariff number	90249000
CE Label	yes
Country of Origin	CN

Technical data - Primary

Force directions	compression;tension
OIML class	C1
Weighing capacity	1000 kg
Max (N)	10 kN

Technical data - Construction

IP Protection	IP68
Material	steel
cable length	3 m
Mounting force in	Pressure piece;Threaded hole M16 × 1,5
Mounting force out	8x Durchgangsbohrung Ø6,5mm

Technical data - Power supply

Excitation Voltage min.	5 V
Excitation Voltage max.	10 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)	-20 °C
Usage temperature (max)	65 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	200×165×135 mm
Gross weight	2 kg
Net weight	1.8 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	91 g
Packaging component - by weight - styrofoam	44 g
Delivery time	1 d

FUNCTIONS

Standard

IP 68 1 DAY

Option

ISO

ENGLISH

ACCESSORIES

Model	Description
FS 405	Plug SAUTER FS 405
CR-A02	Pressure piece SAUTER CR-A02

SERVICES

Model	Description
961-164	Factory calibration KERN 961-164
961-264	Factory calibration KERN 961-264
961-364	Factory calibration KERN 961-364
961-164V	Factory calibration KERN 961-164V
961-264V	Factory calibration KERN 961-264V
961-364V	Factory calibration KERN 961-364V

SPARE PARTS

Model	Description
CR-A01	Pressure piece SAUTER CR-A01