

## PRODUCT BROCHURE

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# SAUTER CR 20000-1Y1

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ENGLISH



Loadcell made of steel alloy

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### CONTACT

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## PRODUCT SHOWCASE



## 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 20000-1Y1
Model-Serie	CR Y1
Assortment	Sauter
Product Type	Measuring cells
Product group	Load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761246201
Customs tariff number	90249000

### Technical data - Primary

Force directions	compression;tension
OIML class	C1
Weighing capacity	20000 kg
Max (N)	200 kN

### Technical data - Construction

IP Protection	IP68
Material	steel
cable length	3 m

Mounting force in            Pressure piece; Threaded hole M32 × 1,5

Mounting force out            8x Durchgangsbohrung Ø8,5mm

### 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

### Technical data - Verification

Verification approval            yes  
conforming to  
2014/31/EU

### FUNCTIONS

Standard



## SERVICES

Model	Description
FS 408	Plug SAUTER FS 408
961-367VR	Factory calibration KERN 961-367VR
961-167	Factory calibration KERN 961-167
961-367V	Factory calibration KERN 961-367V
961-367	Factory calibration KERN 961-367
961-267VR	Factory calibration KERN 961-267VR
961-267V	Factory calibration KERN 961-267V
961-267	Factory calibration KERN 961-267
961-167VR	Factory calibration KERN 961-167VR
961-167V	Factory calibration KERN 961-167V
970-017	Warranty extension KERN (+3 years) 970-017

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## RELATED ARTICLES DATA

Model name	Force directions	OIML class	Weighing capacity	Max (N)
CR 500-1Y1	compression;tension	C1	500 kg	5 kN
CR 1000-1Y1	compression;tension	C1	1000 kg	10 kN
CR 5000-1Y1	compression;tension	C1	5000 kg	50 kN
CR 10000-1Y1	compression;tension	C1	10000 kg	100 kN
CR 20000-1Y1	compression;tension	C1	20000 kg	200 kN