SAUTER

PRODUCT BROCHURE

SAUTER CR 5000-1Y1

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ENGLISH



Loadcell made of steel alloy

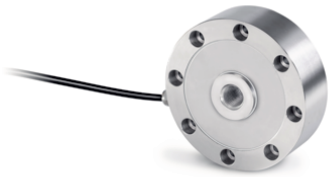
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Scan here for more information

PRODUCT SHOWCASE





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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 5000-1Y1
Model-Serie	CR Y1
Assortment	Sauter
Product Type	Measuring cells
Product group	Load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761246188
Customs tariff number	90249000
CE Label	yes
Country of Origin	CN

Technical data - Primary

Force directions	compression;tension
OIML class	C1
Weighing capacity	5000 kg
Max (N)	50 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

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ACCESSORIES

Model	Description
FS 406	Plug SAUTER FS 406
CR-A02	Pressure piece SAUTER CR-A02

SERVICES

Model	Description
961-165	Factory calibration KERN 961-165
961-265	Factory calibration KERN 961-265
961-365	Factory calibration KERN 961-365
961-165V	Factory calibration KERN 961-165V
961-265V	Factory calibration KERN 961-265V
961-365V	Factory calibration KERN 961-365V

SPARE PARTS

Model	Description
CR-A01	Pressure piece SAUTER CR-A01