SAUTER

PRODUCT BROCHURE

SAUTER CR 500-1Y1

Date: 10.03.2026

ENGLISH



Loadcell made of steel alloy

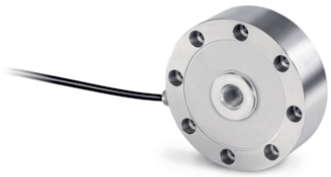
CONTACT

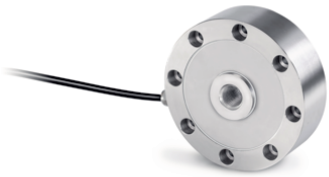
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Scan here for more information

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 500-1Y1

Model-Serie	CR Y1
Assortment	Sauter
Product Type	Measuring cells

Product group	Load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761242326
Customs tariff number	90249000
CE Label	yes
Country of Origin	CN

Technical data - Primary

Force directions	compression;tension
OIML class	C1
Weighing capacity	500 kg
Max (N)	5 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



Option



ENGLISH

ACCESSORIES

Model	Description
FS 404	Plug SAUTER FS 404
FS TKZ	Transport case SAUTER FS TKZ
CR-A02	Pressure piece SAUTER CR-A02

SERVICES

Model	Description
961-263	Factory calibration KERN 961-263
963-163IV	DAkkS Calibration KERN 963-163IV
963-163V	DAkkS Calibration KERN 963-163V
963-263IV	DAkkS Calibration KERN 963-263IV
963-263V	DAkkS Calibration KERN 963-263V
963-363IV	DAkkS Calibration KERN 963-363IV
963-363V	DAkkS Calibration KERN 963-363V

SPARE PARTS

Model	Description
CR-A01	Pressure piece SAUTER CR-A01