

PRODUCT BROCHURE

SAUTER CR 5000-1Q1

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ENGLISH



Loadcell made of stainless steel

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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 5000-1Q1
Model-Serie	CR Q1
Assortment	Sauter
Product Type	Measuring cells
Product group	Load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761222144
Customs tariff number	90249000
CE Label	yes

Technical data - Primary

Force directions	compression
OIML class	C1
Weighing capacity	5000 kg
Max (N)	50 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)	250×155×60 mm
Gross weight	1.2 kg
Net weight	1.2 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	242 g

Packaging component - 5 g
by weight - plastics

Delivery time 1 d

Technical data - Verification

Resolution loadcell (e) 1000e

FUNCTIONS

Standard



Option



ACCESSORIES

Model	Description
FS TKZ	Transport case SAUTER FS TKZ

SERVICES

Model	Description
961-265	Factory calibration KERN 961-265
FS 406	Plug SAUTER FS 406
961-265V	Factory calibration KERN 961-265V
970-014	Warranty extension KERN (+3 years) 970-014

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

Model name	Force directions	OIML class	Weighing capacity	Max (N)
CR 30000-1Q1	compression	C1	30000 kg	300 kN