

PRODUCT BROCHURE

SAUTER CT 5000-3Q1

Date: 29.04.2025

ENGLISH



Shear beam made from stainless steel

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

DESCRIPTION

- CE and RoHS compliant
- Area of application: Measuring mass as well as compressive force in harsh environments
- Suitable for platform scales, weigh hoppers, flush-mounted floor scales and other weighing devices

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	CT 5000-3Q1
Model-Serie	CT Q1
Assortment	Sauter
Product Type	Measuring cells
Product group	Shear beam load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761222212
Customs tariff number	84239010
CE Label	yes

Technical data - Primary

Force directions	compression
OIML class	C3
Weighing capacity	5000 kg

Technical data - Construction

IP Protection	IP68;IP69K
Material	stainless steel
Dimensions (W×D×H)	171,5×48×41,5 mm
cable length	5 m

Mounting force in	Through-hole Ø 20,5 mm
Mounting force out	2x Durchgangsbohrung Ø20,5mm

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	0,017%
load cell connection	6-Leiter
measuring applications	mass

Technical data - Environmental conditions

Usage Temperature (min)	-10 °C
Usage temperature (max)	40 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	285×115×85 mm
Gross weight	2.4 kg
Net weight	2.2 kg

Shipping method Parcel service

Packaging component -
by weight - cardboard 308 g

Delivery time 1 d

Technical data - Verification

Resolution loadcell (e) 3000 e

FUNCTIONS

Standard



Option



ACCESSORIES

Model	Description
CJ P2	Junction Box SAUTER CJ P2
CJ P4PG	Junction Box SAUTER CJ P4PG
CJ P4	Junction Box SAUTER CJ P4
CE WT4-Y1	Analogue Weighing Transmitter SAUTER CE WT4-Y1

SERVICES

Model	Description
961-265V	Factory calibration KERN 961-265V
970-017	Warranty extension KERN (+3 years) 970-017

RELATED ARTICLES DATA

Model name	Force directions	OIML class	Weighing capacity
CT 500-3Q1	compression	C3	500 kg
CT 300-3Q1	compression	C3	300 kg

Model name	Force directions	OIML class	Weighing capacity
CT 750-3Q1	compression	C3	750 kg
CT 1000-3Q1	compression	C3	1000 kg
CT 1500-3Q1	compression	C3	1500 kg
CT 2000-3Q1	compression	C3	2000 kg
CT 3000-3Q1	compression	C3	3000 kg
CT 5000-3Q1	compression	C3	5000 kg
CT 7500-3Q1	compression	C3	7500 kg
CT 10000-3Q1	compression	C3	10000 kg