

PRODUCT BROCHURE

SAUTER CT 500-3Q1

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ENGLISH



Shear beam made from stainless steel

CONTACT

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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 500-3Q1
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)	4045761222229
Customs tariff number	84239010
CE Label	yes

Technical data - Primary

Force directions	compression
OIML class	C3
Weighing capacity	500 kg

Technical data - Construction

IP Protection	IP68;IP69K
Material	stainless steel
Dimensions (W×D×H)	130×31,5×31,5 mm
cable length	5 m

Mounting force in	threaded hole M12
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Mounting force out	2x through hole Ø13.5mm
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Technical data - Power supply

Excitation Voltage min.	10 V
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Excitation Voltage max.	15 V
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Technical data - Measuring system

Full scale output	2 mV/V
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combined error	0,017%
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load cell connection	6-Leiter
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measuring applications	mass
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Technical data - Environmental conditions

Usage Temperature (min)	-10 °C
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Usage temperature (max)	40 °C
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Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	250×155×60 mm
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Gross weight	1.2 kg
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Net weight	1.00 kg
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Shipping method	Parcel service
Packaging component - by weight - cardboard	242 g
Packaging component - by weight - plastics	5 g
Delivery time	1 d

Technical data - Verification

Resolution loadcell (e)	3000 e
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FUNCTIONS

Standard

 IP 68

 IP 69K

 1 DAY

Option

 +3 DAYS

 +4 DAYS

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
963-263V	DAkkS Calibration KERN 963-263V
970-014	Warranty extension KERN (+3 years) 970-014

RELATED ARTICLES DATA

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

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