

PRODUCT BROCHURE

SAUTER CT 500-3P1

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ENGLISH



Shear beam made from stainless steel

CONTACT

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information

DESCRIPTION

- CE and RoHS compliant
- Area of application: Mass as well as compressive force measurement in harsh environmental conditions
- 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 500-3P1
Model-Serie	CT P1
Assortment	Sauter
Product Type	Measuring cells
Product group	Shear beam load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761221666
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	IP67
Material	steel, nickel-plated
Dimensions (W×D×H)	130×34×31,8 mm
cable length	4 m

Mounting force in threaded hole M12

Mounting force out 2x through hole
Ø13.5mm

Technical data - Power supply

Excitation Voltage min. 5 V

Excitation Voltage max. 12 V

Technical data - Measuring system

Full scale output 3 mV/V

combined error 0,023%

load cell connection 4-guide

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) 225×115×45 mm

Gross weight 1.00 kg

Net weight 0.95 kg

Shipping method	Parcel service
Packaging component - by weight - cardboard	62 g
Delivery time	1 d

Technical data - Verification

Resolution loadcell (e)	3000 e
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FUNCTIONS

Standard



Option



ACCESSORIES

Model	Description
CJ P2	Junction Box SAUTER CJ P2
CE P3012	Gap for shear beam loadcell CE P3012
CE P2012	Adjustable Foot SAUTER CE P2012
CE P4022	Load corner SAUTER CE P4022
CJ P4PG	Junction Box SAUTER CJ P4PG
CJ P4	Junction Box SAUTER CJ P4
CE WT1-Y1	Analogue Weighing Transmitter SAUTER CE WT1-Y1
CE WT3-Y1	Analogue Weighing Transmitter SAUTER CE WT3-Y1
CE WT4-Y1	Analogue Weighing Transmitter SAUTER CE WT4-Y1
CE WT1-Y2	Analogue Weighing Transmitter SAUTER CE WT1-Y2
CE WT2-Y4	Analogue Weighing Transmitter SAUTER CE WT2-Y4
CE WT1-Y4	Analogue Weighing Transmitter SAUTER CE WT1-Y4
CJ X468	Junction Box SAUTER CJ X468

Model	Description
CJ X467	Junction Box SAUTER CJ X467

SERVICES

Model	Description
965-413	Assembly of components (> 350 kg - 1500 kg) 965-413
963-263V	DAkkS Calibration KERN 963-263V
970-011	Warranty extension KERN (+3 years) 970-011

RELATED ARTICLES DATA

Model name	Force directions	OIML class	Weighing capacity
CT 500-3P1	compression	C3	500 kg
CT 1000-3P1	compression	C3	1000 kg
CT 1500-3P1	compression	C3	1500 kg
CT 2500-3P1	compression	C3	2500 kg
CT 3000-3P1	compression	C3	3000 kg
CT 5000-3P1	compression	C3	5000 kg
CT 10000-3P1	compression	C3	10000 kg