

SAUTER CT 2500-3P1

KERN

Shear beam made from stainless steel



Dimension (W×D×H)	171,5×40×38,1 mm
Material	steel, nickel-plated
Cable length	6 m
Mounting - force dissipation	2 × through hole Ø 19,8 mm
Mounting - force application	Threaded hole M18 × 1,5

Functions

IP protection - complete device	IP67
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Environmental conditions

Ambient temperature [Min]	-35 °C
Ambient temperature [Max]	65 °C
Use temperature [Min]	-10 °C
Use temperature [Max]	40 °C
Storage temperature [Min]	-40 °C
Storage temperature [Max]	80 °C

Approval

CE mark	✓
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Services (optional)

Article number for factory calibration (compressive force)	961-265V
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Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	305×110×45 mm
Shipping method	Parcel service
Net weight approx.	1,8 kg
Gross weight approx.	1,8 kg
Shipping weight	1,8 kg

Pictograms

STANDARD



OPTION



Category

Brand	Sauter
Product category	Measuring cell
Product group	Load cell
Product family	CT P1

Measuring System

Weighing capacity [Max]	2500 kg
Directions of force	compression
Load cell connection	4-wire
Load cell OIML class	C3
Load cell - Resolution (verifiable)	3000 e
Load cell - characteristic value - nominal	3 mV/V
Load cell - characteristic value - variance	0,003 mV/V
Load cell - Y-value	10000
Load cell - Combined error	0,023%
Load cell - Dead load [Min] (%)	0%
Measuring applications	mass
Load cell - Input resistance - nominal	350 Ω
Load cell - Output resistance - nominal	350 Ω
Load cell - Isolation resistance - [Min]	5000 MΩ
Load cell - Recommended excitation voltage [Min]	5 V
Load cell - Recommended excitation voltage [Max]	12 V
Load cell - Input resistance - variance	3,5 Ω
Load cell - Output resistance - variance	3,5 Ω

Construction

Design	Shear beam measuring cell
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