

SAUTER CT 3000-3P1

Shear beam made from nickel-plated steel

KERN

Load cell - Isolation resistance - [Min]	5000 MΩ
Load cell - Combined error	0,023%
Safe overload	150%
Ultimate overload	300%

Functions

IP protection - complete device	IP67
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Construction

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

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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Product information

GTIN/EAN number	4045761221642
Trade number	84239010
REACH classification	no prohibited substances

Packing & Shipping

Shipping method	Parcel service
Delivery time	1 d
Dimensions packaging (W×D×H)	300×105×50 mm
Net weight approx.	1,8 kg
Gross weight approx.	1,8 kg
Shipping volume weight	0,3 kg

Category

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

Measuring System

Weighing capacity [Max]	3000 kg
Load cell - characteristic value - nominal	3 mV/V
Load cell - characteristic value - variance	0,003 mV/V
Load cell OIML class	C3
Load cell connection	4-wire
Power supply + Colour	green
Power supply - Colour	black
Signal + Colour	red
Signal - Colour	white
Sense + Colour	blue
Sense - Colour	yellow
Load cell - Resolution (verifiable)	3000 e
Load cell - Dead load [Min] (%)	0%
Measuring applications	mass
Directions of force	compression
Load cell - Y-value	10000
Load cell - Input resistance - nominal	350 Ω
Load cell - Output resistance - nominal	350 Ω
Load cell - Input resistance - variance	3,5 Ω
Load cell - Output resistance - variance	3,5 Ω
Load cell - Recommended excitation voltage [Min]	5 V
Load cell - Recommended excitation voltage [Max]	12 V

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Pictograms

STANDARD



OPTION

