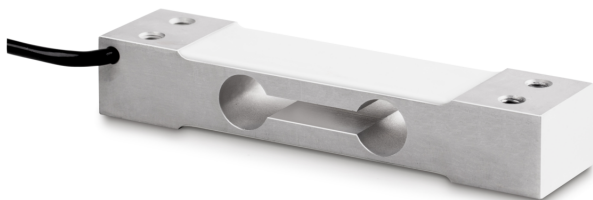


SAUTER CP 3-2-3P1

KERN

Single-point load cell made of anodised aluminium with extra-long cable



Load cell - Combined error	0,023%
Zero balance	$\leq \pm 2.0\%FS$
Creep error (30 minutes)	$\leq \pm 0.0167\%FS$
Safe overload	150%
Ultimate overload	300%

Functions

IP protection - complete device	IP65
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Construction

Material	aluminium
Design	Singlepoint load cell
Dimension (W×D×H)	130×30×22 mm
Maximum platform size	250×350 mm
Cable length	2 m
Mounting - force application	2 × threaded hole M6
Mounting - force dissipation	2 × threaded hole M6

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]	70 °C

Approval

CE mark	✓
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Product information

GTIN/EAN number	4045761363267
Trade number	84239010
REACH classification	no prohibited substances

Packing & Shipping

Shipping method	Parcel service
Delivery time	1 d
Dimensions packaging (W×D×H)	165×100×45 mm
Net weight approx.	0,20 kg
Gross weight approx.	0,25 kg
Shipping volume weight	0,1 kg

Category

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

Measuring System

Weighing capacity [Max]	3 kg
Load cell - characteristic value - nominal	2 mV/V
Load cell - characteristic value - variance	0,2 mV/V
Load cell OIML class	C3
Load cell connection	4-wire
Power supply + Colour	red
Power supply - Colour	black
Signal + Colour	green
Signal - Colour	white
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	409 Ω
Load cell - Output resistance - nominal	350 Ω
Load cell - Input resistance - variance	6 Ω
Load cell - Output resistance - variance	3 Ω
Load cell - Recommended excitation voltage [Min]	5 V
Load cell - Recommended excitation voltage [Max]	12 V
Load cell - Isolation resistance - [Min]	5000 M Ω

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Pictograms

STANDARD



OPTION

