

SAUTER CP 50-3P3

Single-point load cell made of anodised aluminium

KERN

Load cell - Recommended excitation voltage [Max] 12 V

Load cell - Isolation resistance - [Min] 5000 MΩ

Load cell - Combined error 0,023%

Zero balance $\leq \pm 2.0\%FS$

Safe overload 150%

Ultimate overload 300%

Functions

IP protection - complete device IP65

Construction

Material aluminium

Design Singlepoint load cell

Dimension (W×D×H) 150×25,4×40 mm

Maximum platform size 350×400 mm

Cable length 3 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 ✓

Product information

GTIN/EAN number 4045761221369

REACH classification no prohibited substances

Packing & Shipping

Shipping method Parcel service

Delivery time 1 d

Dimensions packaging (W×D×H) 225×115×35 mm

Net weight approx. 0,40 kg

Gross weight approx. 0,45 kg

Shipping weight 0,439 kg

Category

Brand	Sauter
Product category	Measuring cell
Product group	Load cell
Product family	CP P3

Measuring System

Weighing capacity [Max]	50 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	6-wire
Power supply + Colour	red
Power supply - Colour	black
Signal + Colour	green
Signal - Colour	white
Sense + Colour	75392
Sense - Colour	75402
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 - Input resistance - variance	6 Ω
Load cell - Output resistance - nominal	350 Ω
Load cell - Output resistance - variance	3 Ω
Load cell - Recommended excitation voltage [Min]	5 V

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Pictograms

STANDARD



OPTION

