

SAUTER CP 100-3P3

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%

Temperature coefficient - zero signal $\leq \pm 2.0\%FS$

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 4045761254022

Trade number 84239010

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 volume weight 0,2 kg

Category

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

Measuring System

Weighing capacity [Max] 100 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 blue

Sense - Colour brown

Load cell - Resolution (verifiable) 3000 e

Load cell - Dead load [Min] (%) 0%

Measuring applications mass

Directions of force compression

Load cell - Y-value 12000

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

SAUTER CP 100-3P3



Single-point load cell made of anodised aluminium

Pictograms

STANDARD



OPTION

