SAUTER **CP 300-0P4**

Single-point load cell made of anodised aluminium



Category	
Brand	Sauter
Product category	Measuring cell
Product group	Load cell
Product family	CP P4

Measuring System	
Weighing capacity [Max]	300 g
Load cell - characteristic value - nominal	0,9 mV/V
Load cell - characteristic value - variance	0,1 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	4667
Load sell - Input resistance - nominal	406 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 exitation voltage [Min]	5 V
Load cell - Recommended exitation voltage [Max]	12 V
Load cell - Isolation resistance - [Min]	5000 MΩ
Load cell - Combined error	0,023%
Temperature coefficient - characteristic value	± 0.030% F.S. / 10 °C
Zero balance	≤± 2.0%FS
Temperature coefficient - zero signal	± 0.030% F.S. / 10 °C
Creep error (30 minutes)	± 0.010% F.S. / 2 min
Safe overload	120%
Ultimate overload	150%

Functions	
IP protection - complete device	IP65

Construction	
Material	aluminium
Design	Singlepoint load cell
Dimension (W×D×H)	110×33×10 mm
Maximum platform size	200×200 mm
Cable length	0,4 m
Mounting - force application	2 × threaded hole M3
Mounting - force dissipation	2 × threaded hole M3

Environmental conditions	
Ambient temperature [Min]	-20 °C
Ambient temperature [Max]	50 °C
Use temperature [Min]	-10 °C
Use temperature [Max]	40 °C
Storage temperature [Min]	-30 °C
Storage temperature [Max]	60 °C

Approval	
CE mark	✓

Product information	
GTIN/EAN number	4045761221406
Trade number	84239010
REACH classification	no prohibited substances

Packing & Shipping	
Shipping method	Parcel service
Delivery time	1 d
Dimensions packaging (W×D×H)	120×50×35 mm
Net weight approx.	0,10 kg
Gross weight approx.	0,10 kg
Shipping volume weight	0,1 kg

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Pictograms

STANDARD



OPTION

