SAUTER **CP 100-3-3Y1**

Single-point load cell made of anodised aluminium



Date of creation: 24.10.2026

Category	
Brand	Sauter
Product category	Measuring cell
Product group	Load cell
Product family	CP Y1

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	4-wire
Power supply + Colour	red
Power supply - Colour	black
Signal + Colour	green
Signal - Colour	white
Load cell - Dead load [Min] (%)	0%
Directions of force	compression
Load sell - Input resistance - nominal	405 Ω
Load cell - Output resistance - nominal	350 Ω
Load cell - Input resistance - variance	10 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	0,03%
Creep error (30 minutes)	+- 0.03 %FS
Safe overload	150%
Ultimate overload	200%

Functions	
IP protection - complete device	IP65

Construction	
Material	aluminium
Design	Singlepoint load cell
Dimension (W×D×H)	130×22×30 mm
Maximum platform size	250×350 mm
Cable length	3 m
Mounting - force application	2 × threaded hole M6
Mounting - force dissipation	2 × threaded hole M6

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	4045761365278
Trade number	84239010
Warranty Time	24 mon
REACH classification	no prohibited substances

Packing & Shipping	
Shipping method	Parcel service
Delivery time	1 d
Dimensions packaging (W×D×H)	170×110×25 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

