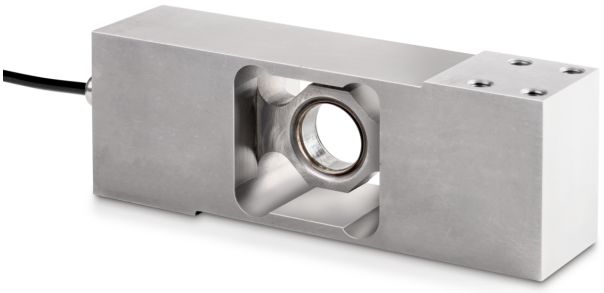
SAUTER **CP 100-3P9**

Single-point load cell made from stainless steel



Date of creation: 10.08.2026

Category	
Brand	Sauter
Product category	Measuring cell
Product group	Load cell
Product family	CP P9

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
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 sell - Input resistance - nominal	350 Ω
Load cell - Output resistance - nominal	350 Ω
Load cell - Input resistance - variance	3,5 Ω
Load cell - Output resistance - variance	10 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%

Functions	
IP protection - complete device	IP68 IP69K

Construction	
Material	steel, stainless
Design	Singlepoint load cell
Dimension (W×D×H)	174×45×64 mm
Maximum platform size	800×800 mm
Cable length	3 m
Mounting - force application	4 × threaded hole M8
Mounting - force dissipation	4 × threaded hole M8

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	
Warranty Time	36 mon
Trade number	84239010
GTIN/EAN number	4045761221307

Packing & Shipping	
Shipping method	Parcel service
Delivery time	1 d
Dimensions packaging (W×D×H)	280×175×125 mm
Net weight approx.	2,8 kg
Gross weight approx.	3,4 kg
Shipping volume weight	1,2 kg

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Pictograms

STANDARD

OPTION