SAUTER **CP 20-3P3**

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 P3

Measuring System	
Weighing capacity [Max]	30 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
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 sell - 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 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	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	✓

Services (optional)	
Article number for DAkkS calibration (compressive force)	963-261V

Product information	
GTIN/EAN number	4045761278073
Trade number	84239010
Warranty Time	36 mon

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

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Pictograms

STANDARD



OPTION

