

SAUTER CP 75-3P7

KERN

Single-Point load cell made of stainless steel



Dimension (W×D×H)	150×25,4×40 mm
Maximum platform size	400×400 mm
Cable length	1 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	✓
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Product information

GTIN/EAN number	4045761254091
Trade number	84239010
REACH classification	no prohibited substances

Packing & Shipping

Shipping method	Parcel service
Delivery time	1 d
Dimensions packaging (W×D×H)	235×115×45 mm
Net weight approx.	1,00 kg
Gross weight approx.	1,2 kg
Shipping weight	1,05 kg

Pictograms

STANDARD



OPTION



Category

Brand	Sauter
Product category	Measuring cell
Product group	Load cell
Product family	CP P7

Measuring System

Weighing capacity [Max]	75 kg
Power supply + Colour	red
Power supply - Colour	black
Load cell - characteristic value - variance	0,2 mV/V
Load cell - Y-value	10000
Load cell - Combined error	0,023%
Load cell - Isolation resistance - [Min]	5000 MΩ
Load cell - Dead load [Min] (%)	0%
Load cell - Recommended excitation voltage [Min]	5 V
Load cell - Input resistance - nominal	384 Ω
Load cell - Output resistance - nominal	350 Ω
Measuring applications	mass
Load cell - characteristic value - nominal	2 mV/V
Safe overload	150%
Creep error (30 minutes)	± 0.016%FS
Temperature coefficient - zero signal	± 0.015% F.S. / 10 °C

Functions

IP protection - complete device	IP67
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Construction

Material	stainless steel
Design	Singlepoint load cell