

SAUTER CK 1-0P1

Miniature load cell made of aluminium

KERN



Cable length	0,25 m
Mounting - force application	2 × threaded hole M4
Mounting - force dissipation	2 × threaded hole M5

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Use temperature [Min]	-10 °C
Use temperature [Max]	40 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	65 °C

Approval

CE mark	✓
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Services (optional)

Article number for DAkkS calibration (compressive force)	963-261V
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Product information

GTIN/EAN number	4045761221109
Trade number	84239010
REACH classification	no prohibited substances

Packing & Shipping

Shipping method	Parcel service
Delivery time	1 d
Dimensions packaging (W×D×H)	145×60×35 mm
Net weight approx.	0,05 kg
Gross weight approx.	0,10 kg
Shipping weight	0,1 kg

Pictograms

STANDARD



OPTION



Category

Brand	Sauter
Product category	Measuring cell
Product group	Load cell
Product family	CK P1

Measuring System

Weighing capacity [Max]	1 kg
Power supply + Colour	red
Power supply - Colour	black
Load cell - characteristic value - variance	0,15 mV/V
Load cell - Combined error	0,03%
Load cell - Isolation resistance - [Min]	2000 MΩ
Load cell - Dead load [Min] (%)	0%
Load cell - Recommended excitation voltage [Min]	5 V
Load cell - Input resistance - nominal	1055 Ω
Load cell - Output resistance - nominal	1000 Ω
Measuring applications	mass
Load cell - characteristic value - nominal	1,5 mV/V
Safe overload	150%
Creep error (30 minutes)	+/- 0.03 %FS/5
Temperature coefficient - zero signal	± 1% F.S. /10 °C

Functions

IP protection - complete device	IP65
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Construction

Material	aluminium
Design	Miniature bending beam
Dimension (W×D×H)	80×10×12,7 mm