SAUTER **CK 500-0P4**

Miniature load cell made of aluminium



Category

Brand	Sauter
Product category	Measuring cell
Product group	Load cell
Product family	CK P4

Measuring System

Weighing capacity [Max]	500 g
Load cell - characteristic value - nominal	0,9 mV/V
Load cell - characteristic value - variance	0,18 mV/V
Load cell OIML class	C1
Load cell connection	4-wire
Power supply + Colour	red
Power supply - Colour	yellow
Signal + Colour	blue
Signal - Colour	white
Load cell - Dead load [Min] (%)	0%
Measuring applications	mass
Directions of force	compression
Load sell - Input resistance - nominal	1055 Ω
Load cell - Output resistance - nominal	1000 Ω
Load cell - Input resistance - variance	10 Ω
Load cell - Output resistance - variance	10 Ω
Load cell - Recommended exitation voltage [Min]	2 V
Load cell - Recommended exitation voltage [Max]	5 V
Load cell - Isolation resistance - [Min]	2000 MΩ
Load cell - Combined error	0,05%
Temperature coefficient - characteristic value	± 0.05% F.S. / 10 °C
Temperature coefficient - zero signal	± 2 % F.S. / 10 °C
Creep error (30 minutes)	+- 0.05 %FS/3min
Safe overload	150%
Ultimate overload	300%

Functions

IP protection - complete device	IP65

Construction

Material	aluminium
Design	Miniature bending beam
Dimension (W×D×H)	47×20×6,6 mm
Cable length	0,25 m
Mounting - force application	2 × through hole Ø 3,0 mm
Mounting - force dissipation	2 × threaded hole M3

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	✓

Services (optional)

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

Product information

GTIN/EAN number	4045761221055
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.	0,40 kg
Shipping volume weight	0,1 kg

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Pictograms

STANDARD



OPTION

