

KERN CK 300-0P2

Miniature load cell made of aluminium

KERN



Category	
Brand	Sauter
Product category	Measuring cell
Product group	Load cell
Product family	CK P2

Measuring System	
Weighing capacity [Max]	300 g
Load cell connection	4-wire
Load cell OIML class	C2
Load cell - characteristic value - nominal	1 mV/V
Load cell - characteristic value - variance	0,1 mV/V
Load cell - Combined error	0,03%
Load cell - Dead load [Min] (%)	0%
Measuring applications	mass
Load cell - Input resistance - nominal	1055 Ω
Load cell - Output resistance - nominal	1000 Ω
Load cell - Isolation resistance - [Min]	2000 M Ω
Load cell - Recommended excitation voltage [Min]	5 V
Load cell - Recommended excitation voltage [Max]	9 V
Load cell - Input resistance - variance	10 Ω
Load cell - Output resistance - variance	10 Ω
Directions of force	compression

Approval	
CE mark	✓

Construction	
Design	Miniature bending beam
Dimension (W×D×H)	52×10×10 mm
Material	aluminium
Cable length	0,25 m
Mounting - force application	Threaded hole M4
Mounting - force dissipation	2 × threaded hole M3

Functions	
IP protection - complete device	IP65

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

Packing & Shipping	
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	145×60×35 mm
Net weight	0,01 kg
Shipping method	Parcel service
Net weight approx.	0,05 kg
Gross weight approx.	0,05 kg
Shipping weight	0,1 kg

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

Pictograms

STANDARD



OPTION

