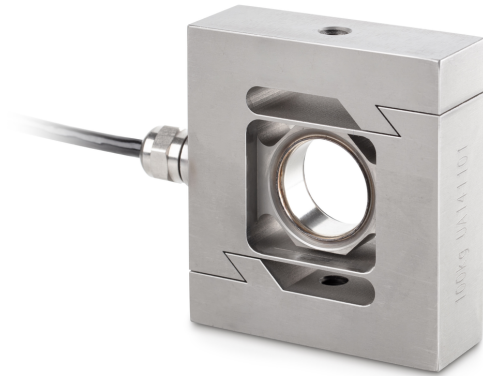


# KERN CS 50-3P2

# KERN

"S"-Load/force measuring cell made from stainless steel



## Construction

Design	"S" shaped cell
Dimension (W×D×H)	92×86×50 mm
Material	stainless steel
Cable length	6 m
Mounting - force application	Threaded hole M8
Mounting - force dissipation	Threaded hole M8

## Functions

IP protection - complete device	IP68
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## Environmental conditions

Use temperature [Min]	-10 °C
Use temperature [Max]	40 °C
Ambient temperature [Min]	-35 °C
Ambient temperature [Max]	65 °C
Storage temperature [Min]	-40 °C
Storage temperature [Max]	70 °C

## Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	205×170×60 mm
Net weight	1,36 kg
Shipping method	Parcel service
Net weight approx.	1,4 kg
Gross weight approx.	1,6 kg
Shipping weight	1,46 kg

## Services (optional)

Article number for DAkkS calibration (tensile force)	963-161V
Article number for DAkkS calibration (compressive force)	963-261V
Article number for DAkkS calibration (tensile force/ compressive force)	963-361V

## Category

Brand	Sauter
Product category	Measuring cell
Product group	Load/force measuring cell
Product family	CS P2

## Measuring System

Weighing capacity [Max]	50 kg
Load cell connection	4-wire
Load cell OIML class	C3
Load cell - Resolution (verifiable)	3000 e
Load cell - characteristic value - nominal	2 mV/V
Load cell - Y-value	12000
Load cell - Combined error	0,023%
Load cell - Dead load [Min] (%)	0%
Measuring applications	force mass
Load cell - Input resistance - nominal	350 Ω
Load cell - Output resistance - nominal	355 Ω
Load cell - Isolation resistance - [Min]	5000 MΩ
Measuring range force [Max] (N)	500 N
Directions of force	tension compression

## Approval

CE mark	✓
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# KERN CS 50-3P2

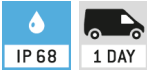


"S"-Load/force measuring cell made from stainless steel

## Pictograms

### STANDARD

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### OPTION

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