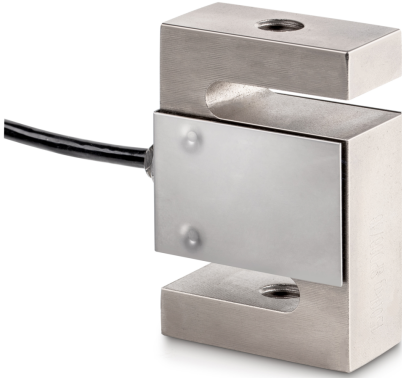


# SAUTER CS 250-3P1

**KERN**

4-wire "S" measuring cell made of nickel-plated steel for force and mass measurement



Dimension (W×D×H)	50,8×76,2×20,8 mm
Cable length	3 m
Mounting - force application	Threaded hole M12
Mounting - force dissipation	Threaded hole M12

## 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	✓
---------	---

## Services (optional)

Article number for DAkKS calibration (compressive force)	963-263V
Article number for DAkKS calibration (tensile force)	963-163V
Article number for DAkKS calibration (tensile force/ compressive force)	963-363V

## Product information

GTIN/EAN number	4045761221529
Trade number	90249000
REACH classification	no prohibited substances

## Packing & Shipping

Shipping method	Parcel service
Delivery time	1 d
Dimensions packaging (W×D×H)	185×155×60 mm
Net weight approx.	0,55 kg
Gross weight approx.	0,65 kg
Shipping weight	0,61 kg

## Category

Brand	Sauter
Product category	Measuring cell
Product group	Load/force measuring cell
Product family	CS P1

## Measuring System

Weighing capacity [Max]	250 kg
Measuring range force [Max] (N)	2,5 kN
Power supply + Colour	red
Power supply - Colour	black
Load cell - Y-value	10000
Load cell - Combined error	0,02%
Load cell - Isolation resistance - [Min]	500 MΩ
Load cell - Recommended excitation voltage [Min]	5 V
Load cell - Input resistance - nominal	350 Ω
Measuring applications	force mass
Load cell - characteristic value - nominal	2 mV/V
Safe overload	150%

## Functions

IP protection - complete device	IP67
---------------------------------	------

## Construction

Material	steel, nickel-plated
Design	"S" shaped cell

# SAUTER CS 250-3P1



4-wire "S" measuring cell made of nickel-plated steel for force and mass measurement

## Pictograms

### STANDARD

---



### OPTION

---

