

# SAUTER CR 500-3P1

Loadcell made of stainless steel

# KERN



## Construction

Design	Bending ring
Material	stainless steel
Cable length	3 m
Mounting - force dissipation	3 × threaded hole M6
Mounting - force application	Pressure piece CE P244012 or load corner CE P244011

## Functions

IP protection - complete device	IP68
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## Environmental conditions

Ambient temperature [Min]	-50 °C
Ambient temperature [Max]	70 °C
Use temperature [Min]	-10 °C
Use temperature [Max]	40 °C

## Approval

CE mark	✓
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## Services (optional)

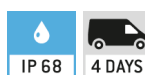
Article number for DAkkS calibration (compressive force)	963-263V
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## Packing & Shipping

Delivery time	4 d
Dimensions packaging (W×D×H)	220×180×60 mm
Shipping method	Parcel service
Net weight approx.	0,80 kg
Gross weight approx.	1,00 kg
Shipping weight	0,971 kg

## Pictograms

### STANDARD



### OPTION



## Category

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

## Measuring System

Weighing capacity [Max]	500 kg
Measuring range force [Max] (N)	5 kN
Directions of force	compression
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 - characteristic value - variance	0,01 mV/V
Load cell - Y-value	10000
Load cell - Combined error	0,023%
Load cell - Dead load [Min] (%)	0%
Measuring applications	force mass
Load cell - Input resistance - nominal	1260 Ω
Load cell - Output resistance - nominal	1020 Ω
Load cell - Isolation resistance - [Min]	5000 MΩ
Load cell - Recommended excitation voltage [Min]	10 V
Load cell - Recommended excitation voltage [Max]	15 V
Load cell - Input resistance - variance	100 Ω
Load cell - Output resistance - variance	0,5 Ω