

SAUTER CR 250-3P1

Loadcell made of stainless steel

KERN



Functions

IP protection - complete device	IP68
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Construction

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

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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Product information

GTIN/EAN number	4045761228146
REACH classification	no prohibited substances

Packing & Shipping

Shipping method	Parcel service
Delivery time	4 d
Dimensions packaging (W×D×H)	220×180×60 mm
Net weight approx.	0,75 kg
Gross weight approx.	0,90 kg
Shipping weight	0,881 kg

Category

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

Measuring System

Weighing capacity [Max]	250 kg
Measuring range force [Max] (N)	2,5 kN
Load cell - characteristic value - nominal	1,75 mV/V
Load cell - characteristic value - variance	0,01 mV/V
Load cell OIML class	C3
Load cell connection	4-wire
Load cell - Resolution (verifiable)	3000 e
Load cell - Dead load [Min] (%)	0%
Measuring applications	force mass
Directions of force	compression
Load cell - Y-value	10000
Load cell - Input resistance - nominal	1260 Ω
Load cell - Input resistance - variance	100 Ω
Load cell - Output resistance - nominal	1020 Ω
Load cell - Output resistance - variance	0,5 Ω
Load cell - Recommended excitation voltage [Min]	10 V
Load cell - Recommended excitation voltage [Max]	15 V
Load cell - Isolation resistance - [Min]	5000 MΩ
Load cell - Combined error	0,023%

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Pictograms

STANDARD



OPTION

