

SAUTER CD 20-3P1

KERN

Loadcell made of stainless steel



Category

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

Measuring System

Weighing capacity [Max]	20000 kg
Measuring range force [Max] (N)	200 kN
Load cell - characteristic value - nominal	2 mV/V
Load cell - characteristic value - variance	0,002 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	700 Ω
Load cell - Input resistance - variance	7 Ω
Load cell - Output resistance - nominal	703 Ω
Load cell - Output resistance - variance	4 Ω
Load cell - Recommended excitation voltage [Min]	5 V

Load cell - Recommended excitation voltage [Max]	12 V
Load cell - Isolation resistance - [Min]	5000 M Ω
Load cell - Combined error	0,023%

Functions

IP protection - complete device	IP68
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Construction

Material	steel, stainless
Design	Load cell
Dimension ($\varnothing \times H$)	88,9 \times 118,5 mm
Cable length	15 m
Mounting - force application	Pressure piece
Mounting - force dissipation	Pressure piece

Environmental conditions

Ambient temperature [Min]	-35 $^{\circ}$ C
Ambient temperature [Max]	65 $^{\circ}$ C
Use temperature [Min]	-10 $^{\circ}$ C
Use temperature [Max]	40 $^{\circ}$ C
Storage temperature [Min]	-40 $^{\circ}$ C
Storage temperature [Max]	70 $^{\circ}$ C

Approval

CE mark	✓
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Product information

GTIN/EAN number	4045761220805
Trade number	90249000
REACH classification	no prohibited substances

Packing & Shipping

Shipping method	Parcel service
Delivery time	2 d
Dimensions packaging (WxDxH)	220 \times 220 \times 160 mm
Net weight approx.	2,2 kg
Gross weight approx.	2,8 kg
Shipping weight	2,7 kg

Pictograms

STANDARD

