

SAUTER CR 20000-1Y1

KERN

Loadcell made of steel alloy



Cable length	3 m
Mounting - force dissipation	8 × through hole Ø 8,5 mm
Mounting - force application	Pressure piece Threaded hole M32 × 1,5

Functions

IP protection - complete device	IP68
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Environmental conditions

Use temperature [Min]	-20 °C
Use temperature [Max]	65 °C

Approval

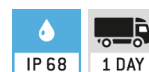
CE mark	✓
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Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	200×165×135 mm
Shipping method	Parcel service
Net weight approx.	1,8 kg
Gross weight approx.	2,0 kg
Shipping weight	1,835 kg

Pictograms

STANDARD



Category

Brand	Sauter
Product category	Measuring cell
Product group	Load/force measuring cell
Product family	CR Y1

Measuring System

Weighing capacity [Max]	20000 kg
Measuring range force [Max] (N)	200 kN
Directions of force	tension compression
Load cell connection	4-wire
Load cell OIML class	C1
Load cell - characteristic value - nominal	2 mV/V
Load cell - Combined error	0,05%
Measuring applications	force mass
Load cell - Input resistance - nominal	380 Ω
Load cell - Output resistance - nominal	350 Ω
Load cell - Isolation resistance - [Min]	5000 MΩ
Load cell - Recommended excitation voltage [Min]	5 V
Load cell - Recommended excitation voltage [Max]	10 V
Load cell - Input resistance - variance	10 Ω
Load cell - Output resistance - variance	3 Ω

Construction

Design	Load cell
Dimension (Ø×H)	125×52 mm
Material	steel