

SAUTER CR 5000-1Y1

KERN

Loadcell made of steel alloy



Cable length	3 m
Mounting - force dissipation	8 × through hole Ø 6,5 mm
Mounting - force application	Pressure piece Threaded hole M16 × 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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Services (optional)

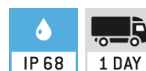
Article number for factory calibration (tensile force)	961-165V
Article number for factory calibration (compressive force)	961-265V
Article number for factory calibration (tensile force/ compressive force)	961-365V

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



OPTION



Category

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

Measuring System

Weighing capacity [Max]	5000 kg
Measuring range force [Max] (N)	50 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)	105×37 mm
Material	steel