

SAUTER CR 2500-1Q1

KERN

Loadcell made of stainless steel



Load cell - Output resistance - variance 5 Ω

Construction

Design Bending ring
Dimension ($\varnothing \times H$) 82×44 mm
Material stainless steel
Cable length 10 m

Functions

IP protection - complete device IP68

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 ✓

Services (optional)

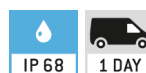
Article number for factory calibration (compressive force) 961-265V

Packing & Shipping

Delivery time 1 d
Dimensions packaging (W×D×H) 250×155×60 mm
Shipping method Parcel service
Net weight approx. 1,2 kg
Gross weight approx. 1,2 kg
Shipping weight 1,096 kg

Pictograms

STANDARD



OPTION



Category	
Brand	Sauter
Product category	Measuring cell
Product group	Load/force measuring cell
Product family	CR Q1

Measuring System	
Weighing capacity [Max]	2500 kg
Measuring range force [Max] (N)	25 kN
Directions of force	compression
Load cell connection	4-wire
Load cell OIML class	C1
Load cell - Resolution (verifiable)	1000e
Load cell - characteristic value - nominal	2 mV/V
Load cell - characteristic value - variance	0,002 mV/V
Load cell - Y-value	10000
Load cell - Combined error	0,05%
Load cell - Dead load [Min] (%)	0%
Measuring applications	force mass
Load cell - Input resistance - nominal	800 Ω
Load cell - Output resistance - nominal	700 Ω
Load cell - Isolation resistance - [Min]	5000 M Ω
Load cell - Recommended excitation voltage [Min]	10 V
Load cell - Recommended excitation voltage [Max]	15 V
Load cell - Input resistance - variance	30 Ω