

SAUTER CR 30000-1Q1

KERN

Loadcell made of stainless steel



Load cell - Output resistance - variance 5 Ω

Construction

Design Bending ring
Dimension ($\varnothing \times H$) 126 \times 54 mm
Material stainless steel
Cable length 10 m

Functions

IP protection - complete device IP68

Environmental conditions

Ambient temperature [Min] -50 $^{\circ}\text{C}$
Ambient temperature [Max] 70 $^{\circ}\text{C}$
Use temperature [Min] -10 $^{\circ}\text{C}$
Use temperature [Max] 40 $^{\circ}\text{C}$

Approval

CE mark ✓

Packing & Shipping

Delivery time 1 d
Dimensions packaging (W \times D \times H) 220 \times 135 \times 100 mm
Shipping method Parcel service
Net weight approx. 2,8 kg
Gross weight approx. 3,2 kg
Shipping weight 3,07 kg

Pictograms

STANDARD



Category

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

Measuring System

Weighing capacity [Max] 30000 kg
Measuring range force [Max] (N) 300 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