

SAUTER CR 5000-1Q1

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)

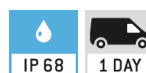
Article number for factory calibration (compressive force) 961-265V

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 1,151 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] | 5000 kg |
| Measuring range force [Max] (N) | 50 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 |