# KERN CP 100-3P7

Single-Point load cell made of stainless steel



| Article codes, product groups & Status information | |
|---|---|
| Model article-code | CP 100-3P7 |
| Model-Serie | CP P7 |
| Assortment | Testing & Measuring Devices |
| Product Type | Measuring cells |
| Product group | Single-point load cells |
| Product usage type | Main item;Accessories/Services |
| EAN code (Model) | 4045761254084 |
| Planned start date | 2022-1HJ |
| Customs tariff number | 84239010 |
| CE Label | Yes |
| Country of Origin | CN |

| Technical data - Primary | |
|---|---|
| Force directions | Compression |
| OIML class | C3 |
| Weighing capacity | 100 kg |

| Technical data - Construction | |
|---|---|
| IP Protection | IP67 |
| Material | Stainless steel |
| Dimensions (W×D×H) | 150×25,4×40 mm |
| cable length | 1 m |
| Mounting force in | 2x threaded hole M6 |
| Mounting force out | 2x threaded hole M6 |

| Technical data - Power supply | |
|---|---|
| Excitation Voltage min. | 5 V |
| Excitation Voltage max. | 12 V |

| Technical data - Measuring system | |
|---|---|
| Full scale output | 2 mV/V |
| combined error | 0,023% |
| load cell connection | 6-Leiter |
| measuring applications | Mass |

| Technical data - Environmental conditions | |
|---|---|
| Usage Temperature (min) | -10 °C |
| Usage temperature (max) | 40 °C |

| Technical data - Packing & Shipping | |
|---|---|
| Dimensions packaging (W×D×H) | 235×115×45 mm |
| Gross weight | 1,2 kg |
| Net weight | 1,00 kg |
| Shipping method | Parcel service |
| Packaging component - by weight - cardboard | 67 g |
| Delivery time | 1 d |

| Technical data - Verification | |
|---|---|
| Resolution loadcell (e) | 3.000 e |

## Functions

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## Standard




## Option

