

# KERN CK 2-0P1

Miniature load cell made of aluminium



## Article codes, product groups & Status information

|                       |                                |
|-----------------------|--------------------------------|
| Model article-code    | CK 2-0P1                       |
| Model-Serie           | CK P1                          |
| Assortment            | Sauter                         |
| Product Type          | Measuring cells                |
| Product group         | Load cells                     |
| Product usage type    | Main item;Accessories/Services |
| EAN code (Model)      | 4045761221116                  |
| Planned start date    | 2019-1HJ                       |
| Customs tariff number | 84239010                       |
| CE Label              | Yes                            |

## Technical data - Primary

|                   |             |
|-------------------|-------------|
| Force directions  | Compression |
| OIML class        | C2          |
| Weighing capacity | 2 kg        |

## Technical data - Construction

|                    |                      |
|--------------------|----------------------|
| IP Protection      | IP65                 |
| Material           | Aluminium            |
| Dimensions (W×D×H) | 80×10×12,7 mm        |
| cable length       | 0.25 m               |
| Mounting force in  | 2x Gewindebohrung M4 |
| Mounting force out | 2x Gewindebohrung M5 |

## Technical data - Power supply

|                         |     |
|-------------------------|-----|
| Excitation Voltage min. | 5 V |
|-------------------------|-----|

|                         |     |
|-------------------------|-----|
| Excitation Voltage max. | 9 V |
|-------------------------|-----|

## Technical data - Measuring system

|                        |          |
|------------------------|----------|
| Full scale output      | 1,2 mV/V |
| combined error         | 0,03%    |
| load cell connection   | 4-guide  |
| 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)                | 145×60×35 mm   |
| Gross weight                                | 0.10 kg        |
| Net weight                                  | 0.05 kg        |
| Shipping method                             | Parcel service |
| Packaging component - by weight - cardboard | 43 g           |
| Delivery time                               | 1 d            |

## Functions

Standard

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Option

