

# KERN CO 5-Y5

Tension and compression force measuring cell made from stainless steel



## Article codes, product groups & Status information

|                       |                                |
|-----------------------|--------------------------------|
| Model article-code    | CO 5-Y5                        |
| Model-Serie           | CO Y5                          |
| Assortment            | Sauter                         |
| Product Type          | Measuring cells                |
| Product group         | Knob shaped load cells         |
| Product usage type    | Main item;Accessories/Services |
| EAN code (Model)      | 4045761251649                  |
| Planned start date    | 2022-1HJ                       |
| Customs tariff number | 90249000                       |
| CE Label              | Yes                            |

## Technical data - Primary

|                   |                     |
|-------------------|---------------------|
| Force directions  | Compression;tension |
| OIML class        | G1                  |
| Weighing capacity | 5 kg                |
| Max (N)           | 50 N                |

## Technical data - Construction

|                    |                      |
|--------------------|----------------------|
| IP Protection      | IP66                 |
| Material           | Stainless steel      |
| cable length       | 2 m                  |
| Mounting force in  | 2x Gewindebohrung M2 |
| Mounting force out | 2x Gewindebohrung M2 |

## Technical data - Power supply

|                         |      |
|-------------------------|------|
| Excitation Voltage min. | 10 V |
|-------------------------|------|

|                         |      |
|-------------------------|------|
| Excitation Voltage max. | 15 V |
|-------------------------|------|

## Technical data - Measuring system

|                        |            |
|------------------------|------------|
| Full scale output      | 2 mV/V     |
| combined error         | 0,1%       |
| load cell connection   | 4-guide    |
| measuring applications | Force;mass |

## Technical data - Environmental conditions

|                         |        |
|-------------------------|--------|
| Usage Temperature (min) | -10 °C |
| Usage temperature (max) | 60 °C  |

## Technical data - Packing & Shipping

|                                             |                |
|---------------------------------------------|----------------|
| Dimensions packaging (W×D×H)                | 150×105×40 mm  |
| Gross weight                                | 0.10 kg        |
| Net weight                                  | 0.05 kg        |
| Shipping method                             | Parcel service |
| Packaging component - by weight - cardboard | 33 g           |
| Packaging component - by weight - plastics  | 3 g            |
| Packaging component - by weight - foam      | 11 g           |
| Delivery time                               | 1 d            |

## Functions

Standard

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Option

