

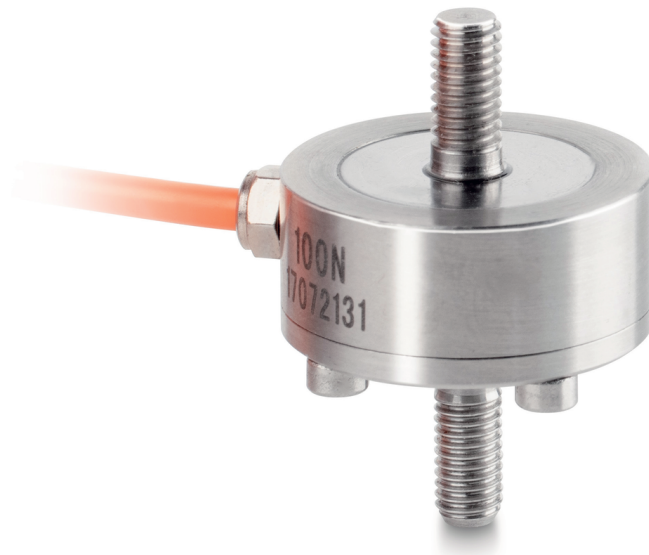
## PRODUCT BROCHURE

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# SAUTER CO 2000-Y2

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ENGLISH



Miniature cylindrical load cell made from stainless steel

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### CONTACT

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## PRODUCT SHOWCASE



## DESCRIPTION

- High precision (comprehensive error 0,5% F.S.)
- RoHS compliant
- Area of application: Tensile and compressive applications, mass and force measurement
- Suitable for weight measurement as well as force and force test stands

## SPECIFICATIONS

### Article codes, product groups & Status information

|                       |                                |
|-----------------------|--------------------------------|
| Model article-code    | CO 2000-Y2                     |
| Model-Serie           | CO Y2                          |
| Assortment            | Sauter                         |
| Product Type          | Measuring cells                |
| Product group         | Knob shaped load cells         |
| Product usage type    | Main item;Accessories/Services |
| EAN code (Model)      | 404576 1233034                 |
| Customs tariff number | 90249000                       |
| CE Label              | yes                            |

### Technical data - Primary

|                   |                     |
|-------------------|---------------------|
| Force directions  | compression;tension |
| OIML class        | G5                  |
| Weighing capacity | 2000 kg             |
| Max (N)           | 20 kN               |

### Technical data - Construction

|                    |                     |
|--------------------|---------------------|
| IP Protection      | IP65                |
| Material           | stainless steel     |
| cable length       | 2 m                 |
| Mounting force in  | External thread M12 |
| Mounting force out | External thread M12 |

## Technical data - Power supply

|                         |      |
|-------------------------|------|
| Excitation Voltage min. | 9 V  |
| Excitation Voltage max. | 12 V |



Option



## Technical data - Measuring system

|                        |            |
|------------------------|------------|
| Full scale output      | 1,5 mV/V   |
| combined error         | 0,5%       |
| load cell connection   | 4-guide    |
| measuring applications | force;mass |

## Technical data - Environmental conditions

|                         |       |
|-------------------------|-------|
| Usage Temperature (min) | 0 °C  |
| Usage temperature (max) | 40 °C |

## Technical data - Packing & Shipping

|                                             |                |
|---------------------------------------------|----------------|
| Dimensions packaging (W×D×H)                | 120×90×85 mm   |
| Gross weight                                | 0.60 kg        |
| Net weight                                  | 0.55 kg        |
| Shipping method                             | Parcel service |
| Packaging component - by weight - cardboard | 33 g           |
| Packaging component - by weight - plastics  | 5 g            |
| Delivery time                               | 1 d            |

## FUNCTIONS

Standard

## ACCESSORIES

| Model     | Description                                    |
|-----------|------------------------------------------------|
| AFM 13    | Sleeve SAUTER AFM 13                           |
| AFM 15    | Sleeve SAUTER AFM 15                           |
| FS TKZ    | Transport case SAUTER FS TKZ                   |
| CE WT4-Y1 | Analogue Weighing Transmitter SAUTER CE WT4-Y1 |

## SERVICES

| Model    | Description                                          |
|----------|------------------------------------------------------|
| 965-414  | Assembly of components (> 1500 kg - 2900 kg) 965-414 |
| 961-164  | Factory calibration KERN 961-164                     |
| 961-264  | Factory calibration KERN 961-264                     |
| 961-364  | Factory calibration KERN 961-364                     |
| FS 405   | Plug SAUTER FS 405                                   |
| 961-164V | Factory calibration KERN 961-164V                    |
| 961-364V | Factory calibration KERN 961-364V                    |
| 970-015  | Warranty extension KERN (+3 years) 970-015           |

## RELATED ARTICLES DATA

| Model name | Force directions    | OIML class | Weighing capacity | Max (N) |
|------------|---------------------|------------|-------------------|---------|
| CO 20-Y2   | compression;tension | G5         | 20 kg             | 200 N   |
| CO 50-Y2   | compression;tension | G5         | 50 kg             | 500 N   |
| CO 200-Y2  | compression;tension | G5         | 200 kg            | 2 kN    |
| CO 500-Y2  | compression;tension | G5         | 500 kg            | 5 kN    |
| CO 1000-Y2 | compression;tension | G5         | 1000 kg           | 10 kN   |
| CO 2000-Y2 | compression;tension | G5         | 2000 kg           | 20 kN   |
| CO 10-Y2   | compression;tension | G5         | 10 kg             | 100 N   |
| CO 100-Y2  | compression;tension | G5         | 100 kg            | 1 kN    |