

## PRODUCT BROCHURE

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# SAUTER CO 5-Y4

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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: Compressive force measurements
- Suitable for weight measurement as well as force and force test stands

## SPECIFICATIONS

### Article codes, product groups & Status information

|                       |                                |
|-----------------------|--------------------------------|
| Model article-code    | CO 5-Y4                        |
| Model-Serie           | CO Y4                          |
| Assortment            | Sauter                         |
| Product Type          | Measuring cells                |
| Product group         | Knob shaped load cells         |
| Product usage type    | Main item;Accessories/Services |
| EAN code (Model)      | 404576 1232884                 |
| Customs tariff number | 90249000                       |

### Technical data - Primary

|                   |             |
|-------------------|-------------|
| Force directions  | compression |
| OIML class        | G5          |
| Weighing capacity | 5 kg        |
| Max (N)           | 50 N        |

### Technical data - Construction

|                    |                                     |
|--------------------|-------------------------------------|
| IP Protection      | IP67                                |
| Material           | stainless steel                     |
| cable length       | 2 m                                 |
| Mounting force in  | pressure piece (from customer side) |
| Mounting force out | Mold nest                           |

### Technical data - Power supply

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

### Technical data - Measuring system

|                        |            |
|------------------------|------------|
| Full scale output      | 1 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)                | 150×100×38 mm  |
| Gross weight                                | 0.10 kg        |
| Net weight                                  | 0.05 kg        |
| Shipping method                             | Parcel service |
| Packaging component - by weight - cardboard | 36 g           |
| Packaging component - by weight - plastics  | 3 g            |
| Delivery time                               | 1 d            |

### Technical data - Verification

|                                                |     |
|------------------------------------------------|-----|
| Verification approval conforming to 2014/31/EU | yes |
|------------------------------------------------|-----|

### FUNCTIONS

#### Standard



#### Option



## ACCESSORIES

| Model     | Description                                    |
|-----------|------------------------------------------------|
| CE WT4-Y1 | Analogue Weighing Transmitter SAUTER CE WT4-Y1 |
| FS TKZ    | Transport case SAUTER FS TKZ                   |
| CE WT2-Y4 | Analogue Weighing Transmitter SAUTER CE WT2-Y4 |

## SERVICES

| Model     | Description                                |
|-----------|--------------------------------------------|
| 961-261   | Factory calibration KERN 961-261           |
| 963-261   | DAkkS Calibration KERN 963-261             |
| 963-261IV | DAkkS Calibration KERN 963-261IV           |
| 970-014   | Warranty extension KERN (+3 years) 970-014 |
| FS 402    | Plug SAUTER FS 402                         |
| 965-411   | Assembly of components (< 50kg) 965-411    |
| 963-261V  | DAkkS Calibration KERN 963-261V            |

## RELATED ARTICLES DATA

| Model name | Force directions | OIML class | Weighing capacity | Max (N) |
|------------|------------------|------------|-------------------|---------|
| CO 10-Y4   | compression      | G5         | 10 kg             | 100 N   |
| CO 5-Y4    | compression      | G5         | 5 kg              | 50 N    |