

# SAUTER 283-402

**KERN**

Precise, mechanical force gauge in robust aluminium housing with Newton readout



Date of creation: 15.08.2026

## Category

|                  |                               |
|------------------|-------------------------------|
| Brand            | Sauter                        |
| Product category | Force measuring device        |
| Product group    | Spring balance (Newton scale) |
| Product family   | 283                           |

## Measuring System

|                                  |         |
|----------------------------------|---------|
| Directions of force              | tension |
| Measuring range force [Max] (N)  | 10 N    |
| Readability force [d] (N)        | 0,1 N   |
| Overload protection (% of [Max]) | 1%      |
| Tolerance (% of [Max])           | 0,3%    |
| Default unit                     | N       |

## Construction

|                                       |              |
|---------------------------------------|--------------|
| Dimension housing (W×D×H)             | 225×12×12 mm |
| Dimensions completely mounted (W×D×H) | 225×12×12 mm |
| Housing diameter (Ø)                  | 12 mm        |
| Material housing                      | aluminium    |
| Length unloaded (l [Min])             | 225 mm       |
| Length loaded (l [Max])               | 325 mm       |
| Load support (tensile force)          | Hook         |

## Functions

|               |   |
|---------------|---|
| Peak function | ✓ |
|---------------|---|

## Services (optional)

|                                                        |          |
|--------------------------------------------------------|----------|
| Article number for factory calibration                 | 961-1610 |
| Article number for factory calibration (tensile force) | 961-1610 |

## Packing & Shipping

|                              |                |
|------------------------------|----------------|
| Delivery time                | 1 d            |
| Dimensions packaging (W×D×H) | 230×26×17 mm   |
| Shipping method              | Parcel service |
| Net weight approx.           | 0,05 kg        |
| Gross weight approx.         | 0,05 kg        |
| Shipping weight              | 0,1 kg         |
| Shipping volume weight       | 0,1 kg         |

## Product information

|                      |                          |
|----------------------|--------------------------|
| GTIN/EAN number      | 4045761002203            |
| Trade number         | 90248000                 |
| Warranty Time        | 24 mon                   |
| REACH classification | no prohibited substances |

## Pictograms

### STANDARD



### OPTION

