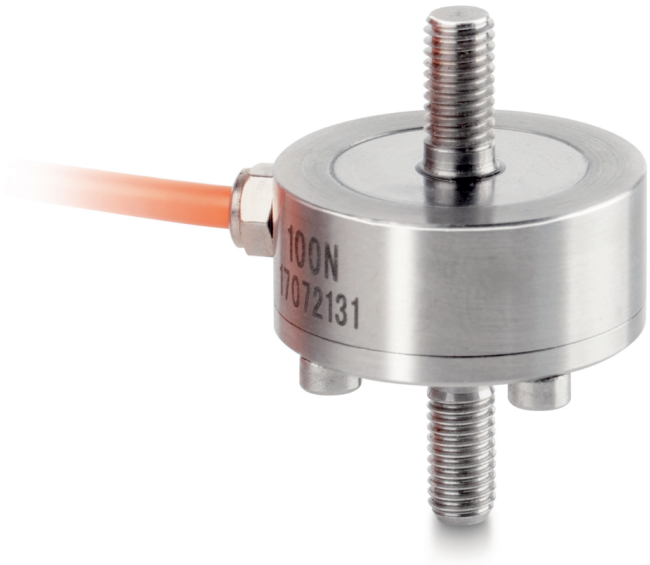
SAUTER

PRODUCT BROCHURE

SAUTER CO 100-Y2

Date: 10.03.2026

ENGLISH



Miniature cylindrical load cell made from stainless steel

CONTACT

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Scan here for more information

PRODUCT SHOWCASE



ENGLISH

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 100-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)	4045761232952
Customs tariff number	90249000
CE Label	yes
Country of Origin	CN

Technical data - Primary

Force directions	compression;tension
OIML class	G5
Weighing capacity	100 kg
Max (N)	1 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

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	0.50 kg
Net weight	0.50 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

IP 65 1 DAY

Option

ISO DAkkS

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ACCESSORIES

Model	Description
AFH 06	Pressure disc SAUTER AFH 06
AFM 13	Sleeve SAUTER AFM 13
AFM 15	Sleeve SAUTER AFM 15
FS 403	Plug SAUTER FS 403
FS TKZ	Transport case SAUTER FS TKZ
CE WT1-Y1	Analogue Weighing Transmitter SAUTER CE WT1-Y1
CE WT3-Y1	Analogue Weighing Transmitter SAUTER CE WT3-Y1
CE WT1-Y2	Analogue Weighing Transmitter SAUTER CE WT1-Y2

SERVICES

Model	Description
965-412	Assembly of components (> 50 kg - 350 kg) 965-412
961-162	Factory calibration KERN 961-162
961-262	Factory calibration KERN 961-262
961-362	Factory calibration KERN 961-362
963-162	DAkkS Calibration KERN 963-162
963-262	DAkkS Calibration KERN 963-262
963-362	DAkkS Calibration KERN 963-362
963-162IV	DAkkS Calibration KERN 963-162IV
963-162V	DAkkS Calibration KERN 963-162V
963-262IV	DAkkS Calibration KERN 963-262IV
963-262V	DAkkS Calibration KERN 963-262V
963-362IV	DAkkS Calibration KERN 963-362IV
963-362V	DAkkS Calibration KERN 963-362V