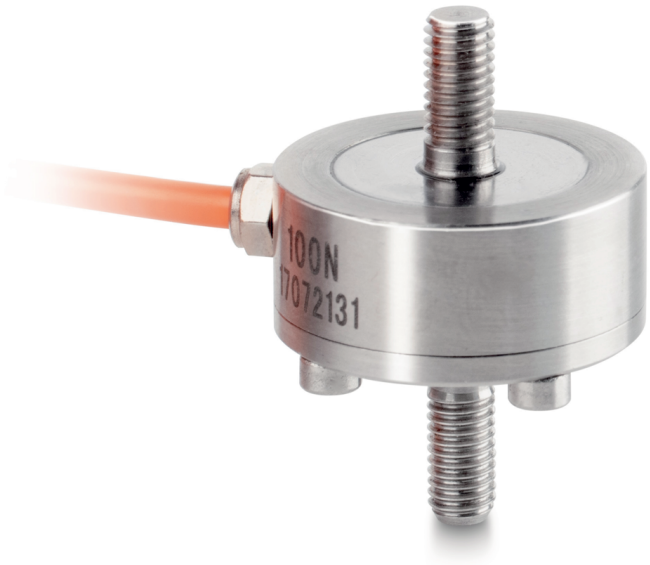
SAUTER

PRODUCT BROCHURE

SAUTER CO 500-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 500-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)	4045761233058
Customs tariff number	90249000
CE Label	yes
Country of Origin	CN

Technical data - Primary

Force directions	compression;tension
OIML class	G5
Weighing capacity	500 kg
Max (N)	5 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	0.55 kg
Net weight	0.50 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	33 g
Packaging component - by weight - plastics	5 g
Packaging component - by weight - foam	7 g

Delivery time	1 d

FUNCTIONS

Standard



Option



ENGLISH

ACCESSORIES

Model	Description
AFH 06	Pressure disc SAUTER AFH 06
AFM 13	Sleeve SAUTER AFM 13
AFM 15	Sleeve SAUTER AFM 15
FS 404	Plug SAUTER FS 404
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
965-413	Assembly of components (> 350 kg - 1500 kg) 965-413
961-163	Factory calibration KERN 961-163
961-263	Factory calibration KERN 961-263
961-363	Factory calibration KERN 961-363
963-163	DAkkS Calibration KERN 963-163
963-263	DAkkS Calibration KERN 963-263
963-363	DAkkS Calibration KERN 963-363
963-163IV	DAkkS Calibration KERN 963-163IV
963-163V	DAkkS Calibration KERN 963-163V
963-263IV	DAkkS Calibration KERN 963-263IV
963-263V	DAkkS Calibration KERN 963-263V
963-363IV	DAkkS Calibration KERN 963-363IV
963-363V	DAkkS Calibration KERN 963-363V