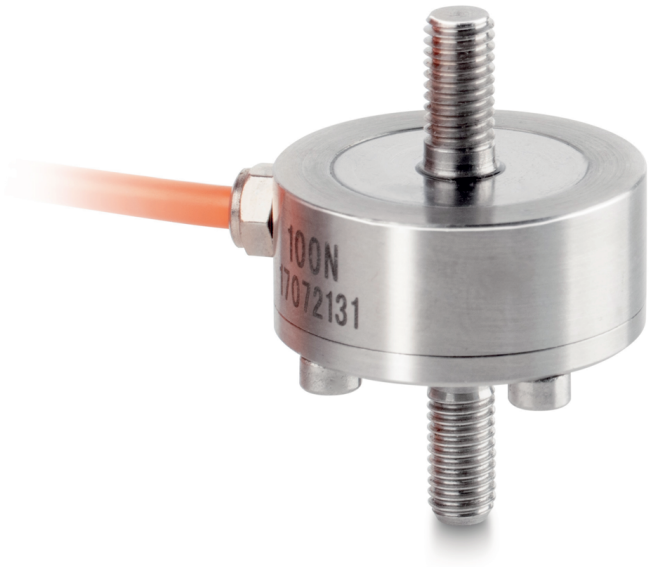
SAUTER

PRODUCT BROCHURE

SAUTER CO 50-Y2

Date: 10.03.2026

ENGLISH



Miniature cylindrical load cell made from stainless steel

CONTACT

KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

Phone : +49 7433 9933-0
Fax : +49 7433 9933-149
Email : info@kern-sohn.com
Web : www.kern-sohn.com

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 50-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)	4045761233072
Customs tariff number	90249000
CE Label	yes
Country of Origin	CN

Technical data - Primary

Force directions	compression;tension
OIML class	G5
Weighing capacity	50 kg
Max (N)	500 N

Technical data - Construction

IP Protection	IP65
Material	stainless steel
cable length	2 m

Mounting force in	External thread M5
Mounting force out	External thread M5

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	0.15 kg
Net weight	0.10 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	33 g
Packaging component - by weight - plastics	5 g
Packaging component - by weight - foam	10 g

Delivery time	1 d

FUNCTIONS

Standard



Option



ENGLISH

ACCESSORIES

Model	Description
AFM 01	Sleeve SAUTER AFM 01
AFM 04	Sleeve SAUTER AFM 04
FS 402	Plug SAUTER FS 402
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
965-411	Assembly of components (< 50kg) 965-411
963-161	DAkkS Calibration KERN 963-161
961-161	Factory calibration KERN 961-161
961-261	Factory calibration KERN 961-261
961-361	Factory calibration KERN 961-361
963-261	DAkkS Calibration KERN 963-261
963-361	DAkkS Calibration KERN 963-361
961-161V	Factory calibration KERN 961-161V
961-261V	Factory calibration KERN 961-261V
961-361V	Factory calibration KERN 961-361V
963-161V	DAkkS Calibration KERN 963-161V
963-261IV	DAkkS Calibration KERN 963-261IV
963-261V	DAkkS Calibration KERN 963-261V
963-361IV	DAkkS Calibration KERN 963-361IV
963-361V	DAkkS Calibration KERN 963-361V

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