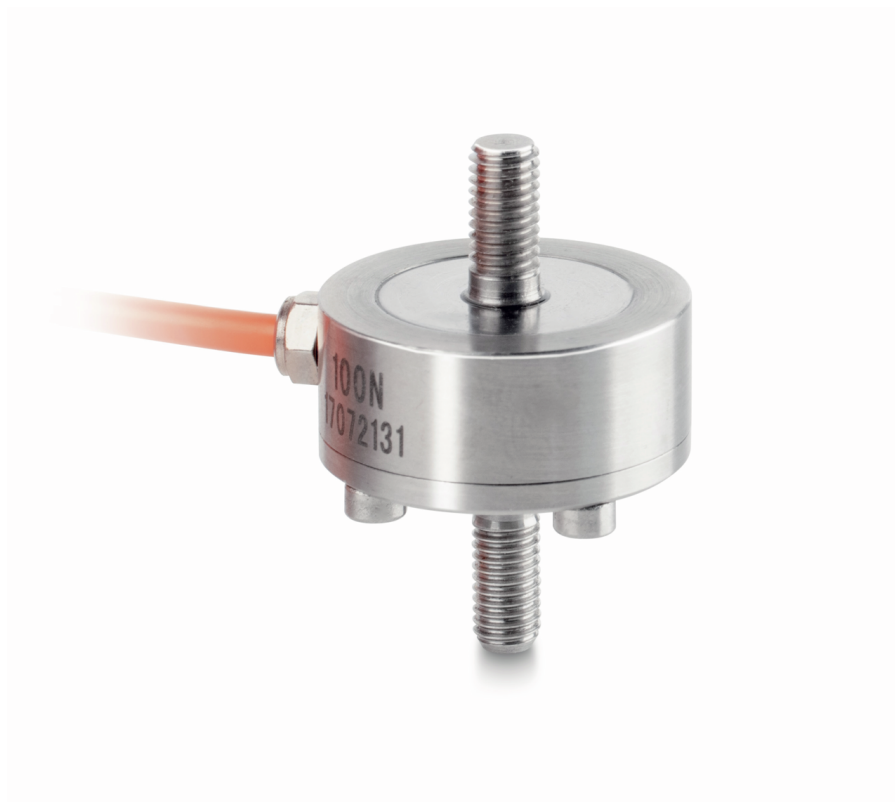


PRODUCT BROCHURE

SAUTER CO 5-Y3

Date: 23.04.2025

ENGLISH



Miniature cylindrical load cell made from stainless steel

CONTACT

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PRODUCT SHOWCASE



DESCRIPTION

- High precision (comprehensive Error 0,1% 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 5-Y3
Model-Serie	CO Y3
Assortment	Sauter
Product Type	Measuring cells
Product group	Knob shaped load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	404576 123289 1
Customs tariff number	90249000

Technical data - Primary

Force directions	compression;tension
OIML class	G2
Weighing capacity	5 kg
Max (N)	50 N

Technical data - Construction

IP Protection	IP66
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. 10 V

Excitation Voltage max. 15 V

Technical data - Measuring system

Full scale output 2 mV/V

combined error 0,1%

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) 150×105×40 mm

Gross weight 0.10 kg

Net weight 0.05 kg

Shipping method Parcel service

Packaging component - by weight - cardboard 34 g

Packaging component - by weight - plastics 2 g

Packaging component - by weight - foam 11 g

Delivery time 1 d

Technical data - Verification

Verification approval conforming to 2014/31/EU yes

FUNCTIONS

Standard



Option



ACCESSORIES

Model	Description
FS TKZ	Transport case SAUTER FS TKZ
AFM 04	Sleeve SAUTER AFM 04
CE WT4-Y1	Analogue Weighing Transmitter SAUTER CE WT4-Y1
AFM 01	Sleeve SAUTER AFM 01
CE WT2-Y4	Analogue Weighing Transmitter SAUTER CE WT2-Y4

SERVICES

Model	Description
963-161	DAkkS Calibration KERN 963-161
963-261	DAkkS Calibration KERN 963-261
963-261IV	DAkkS Calibration KERN 963-261IV
963-361V	DAkkS Calibration KERN 963-361V
970-016	Warranty extension KERN (+3 years) 970-016
965-411	Assembly of components (< 50kg) 965-411
961-261	Factory calibration KERN 961-261
FS 402	Plug SAUTER FS 402
963-161V	DAkkS Calibration KERN 963-161V
963-261V	DAkkS Calibration KERN 963-261V
963-361IV	DAkkS Calibration KERN 963-361IV
963-361	DAkkS Calibration KERN 963-361
961-161	Factory calibration KERN 961-161
961-361	Factory calibration KERN 961-361

RELATED ARTICLES DATA

Model name	Force directions	OIML class	Weighing capacity	Max (N)
CO 5-Y3	compression;tension	G2	5 kg	50 N
CO 10-Y3	compression;tension	G2	10 kg	100 N