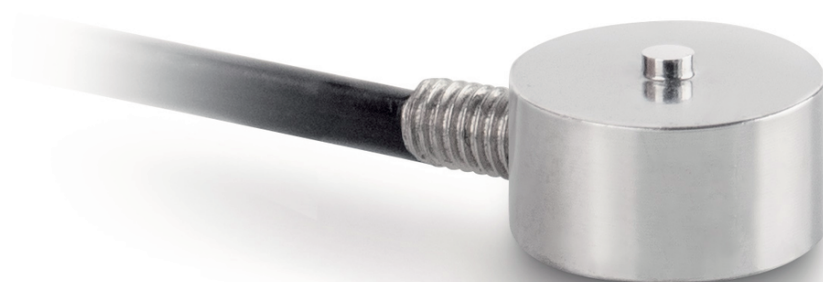


PRODUCT BROCHURE

SAUTER CO 5-Y4

Date: 29.04.2025

ENGLISH



Miniature cylindrical load cell made from stainless steel

CONTACT

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information

PRODUCT SHOWCASE



DESCRIPTION

- High precision (comprehensive error 0,5% F.S.)
- RoHS compliant
- Area of application: Compressive force measurements
- Suitable for weight measurement as well as force and force test stands

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	CO 5-Y4
Model-Serie	CO Y4
Assortment	Sauter
Product Type	Measuring cells
Product group	Knob shaped load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	404576 1232884
Customs tariff number	90249000
CE Label	yes

Technical data - Primary

Force directions	compression
OIML class	G5
Weighing capacity	5 kg
Max (N)	50 N

Technical data - Construction

IP Protection	IP67
Material	stainless steel
cable length	2 m
Mounting force in	pressure piece (from customer side)
Mounting force out	Mold nest

Technical data - Power supply

Excitation Voltage min. 9 V

Excitation Voltage max. 12 V



Option



Technical data - Measuring system

Full scale output 1 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) 150×100×38 mm

Gross weight 0.10 kg

Net weight 0.05 kg

Shipping method Parcel service

Packaging component - by weight - cardboard 36 g

Packaging component - by weight - plastics 3 g

Delivery time 1 d

FUNCTIONS

Standard

ACCESSORIES

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

SERVICES

Model	Description
965-411	Assembly of components (< 50kg) 965-411
961-261	Factory calibration KERN 961-261
963-261	DAkkS Calibration KERN 963-261
FS 402	Plug SAUTER FS 402
963-261IV	DAkkS Calibration KERN 963-261IV
963-261V	DAkkS Calibration KERN 963-261V
970-014	Warranty extension KERN (+3 years) 970-014

RELATED ARTICLES DATA

Model name	Force directions	OIML class	Weighing capacity	Max (N)
CO 10-Y4	compression	G5	10 kg	100 N
CO 5-Y4	compression	G5	5 kg	50 N