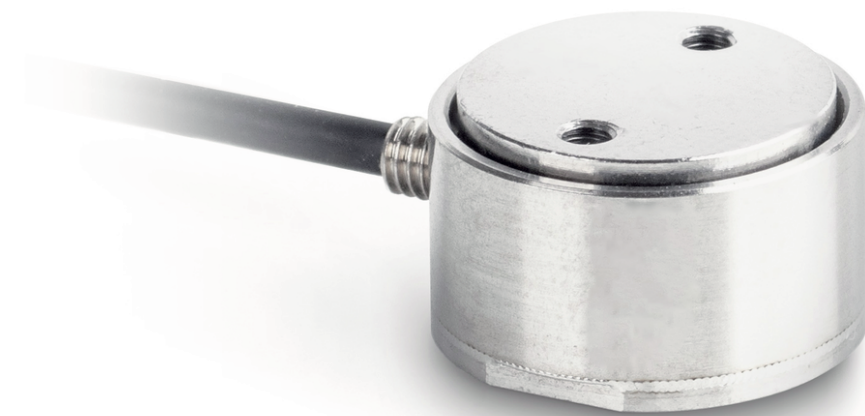


PRODUCT BROCHURE

SAUTER CO 0.5-Y5

Date: 29.04.2025

ENGLISH



Tension and compression force measuring cell made from stainless steel

CONTACT

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Scan here for more
information

DESCRIPTION

- CE and RoHS compliant
- Very low design
- Suitable for test stands, force gauges, automation systems, etc.

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	CO 0.5-Y5
Model-Serie	CO Y5
Assortment	Sauter
Product Type	Measuring cells
Product group	Knob shaped load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	404576 125 1632
Customs tariff number	90249000
CE Label	yes

Technical data - Primary

Force directions	compression;tension
OIML class	G1
Weighing capacity	500 g
Max (N)	5 N

Technical data - Construction

IP Protection	IP66
Material	stainless steel
cable length	2 m

Mounting force in 2x Gewindebohrung M2

Mounting force out 2x Gewindebohrung M2

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) -10 °C

Usage temperature (max) 60 °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	33 g
Packaging component - by weight - plastics	3 g
Packaging component - by weight - foam	11 g
Delivery time	1 d

FUNCTIONS

Standard



Option



ACCESSORIES

Model	Description
FS TKZ	Transport case SAUTER FS TKZ

SERVICES

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

RELATED ARTICLES DATA

Model name	Force directions	OIML class	Weighing capacity	Max (N)
CO 0.5-Y5	compression;tension	G1	500 g	5 N
CO 5-Y5	compression;tension	G1	5 kg	50 N
CO 10-Y5	compression;tension	G1	10 kg	100 N
CO 1-Y5	compression;tension	G1	1 kg	10 N