PRODUCT BROCHURE

SAUTER CO 10-Y2

Date: 29.04.2025

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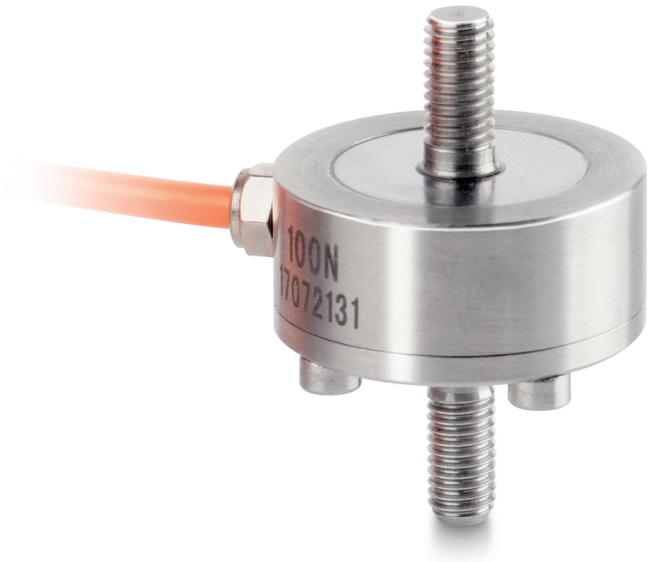

Miniature cylindrical load cell made from stainless steel

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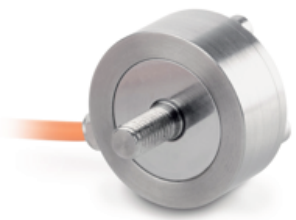
Scan here for more information

PRODUCT SHOWCASE



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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 10-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)	4045761232921
Customs tariff number	90249000
CE Label	yes

Technical data - Primary

Force directions	compression;tension
OIML class	G5
Weighing capacity	10 kg
Max (N)	100 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 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

IP 65 | 1 DAY

Option

DAkkS +3 DAYS | ISO +4 DAYS

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ACCESSORIES

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

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
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
970-014	Warranty extension KERN (+3 years) 970-014

RELATED ARTICLES DATA

Model name	Force directions	OIML class	Weighing capacity	Max (N)
CO 20-Y2	compression;tension	G5	20 kg	200 N
CO 50-Y2	compression;tension	G5	50 kg	500 N
CO 200-Y2	compression;tension	G5	200 kg	2 kN
CO 500-Y2	compression;tension	G5	500 kg	5 kN
CO 1000-Y2	compression;tension	G5	1000 kg	10 kN
CO 2000-Y2	compression;tension	G5	2000 kg	20 kN
CO 10-Y2	compression;tension	G5	10 kg	100 N

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Model name	Force directions	OIML class	Weighing capacity	Max (N)
CO 100-Y2	compression;tension	G5	100 kg	1 kN