PROFESSIONAL MEASURING
SINCE 1844

KERN

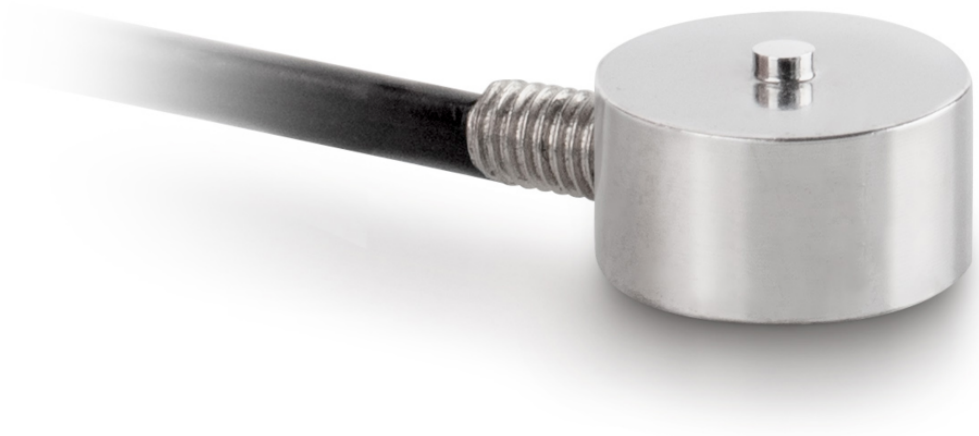
Product brochure

30.10.2026

SAUTER CO 10-Y4

Miniature cylindrical load cell made from stainless steel

ENGLISH



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APPLICATION EXAMPLE







FEATURES

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

MAIN SCOPE OF APPLICATIONS

- Research and development
- Mechanical engineering and testing technology
- Automotive and supplier industry
- Medical technology and biomechanics
- Calibration technology and test equipment manufacturing

PICTOGRAMS

Standard



Option



MODEL OVERVIEW

Model	Weighing capacity [Max]	Measuring range [Max]
CO 5-Y4	5 kg	50 N

Model	Weighing capacity [Max]	Measuring range [Max]
CO 10-Y4	10 kg	100 N

ACCESSORIES

Model	Description
FS 402	Connector for FS measuring cell mounted & adjusted to 500 N FS 402
FS TKZ	Transport case FS TKZ

SERVICES

Model	Description
961-261	Factory calibration certificate 961-261 (compression | N)
963-261	DAkkS calibration certificate 963-261 (force direction compression | measurement result unit N | calibration standard DKD-R 3-3 - sequence A)
963-261IV	DAkkS calibration certificate 963-261IV (force direction compression | measurement result unit mV/V | calibration standard ISO 376)
963-261V	DAkkS calibration certificate 963-261V (force direction compression | measurement result unit mV/V | calibration standard DKD-R 3-3 - sequence A)
965-411	Assembly of components 965-411 (< 50kg)
970-014	Warranty extension (+3 years) 970-014

KERN Pictogram Overview

	Protection against dust and water splashes IP67
	Package shipment by courier service: The duration of internal product provision is one day
	Factory calibration (ISO): Factory calibration takes 4 working days
	Accredited calibration (DKD): The duration of the accredited calibration is 3 working days