

SAUTER CO 100-Y1

KERN

Miniature cylindrical load cell made from stainless steel

Dimension (Ø×H)	20×12 mm
Material	stainless steel
Cable length	2 m
Mounting - force dissipation	3 × threaded hole M3
Mounting - force application	Thrust piece (from customer side)

Functions

IP protection - complete device	IP65
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Environmental conditions

Use temperature [Min]	0 °C
Use temperature [Max]	40 °C

Approval

CE mark	✓
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Services (optional)

Article number for DAkkS calibration (compressive force)	963-262V
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Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	120×90×85 mm
Shipping method	Parcel service
Net weight approx.	0,05 kg
Gross weight approx.	0,10 kg
Shipping weight	0,2 kg

Pictograms

STANDARD



OPTION



Category

Brand	Sauter
Product category	Measuring cell
Product group	Load/force measuring cell
Product family	CO Y1

Measuring System

Weighing capacity [Max]	100 kg
Measuring range force [Max] (N)	1 kN
Directions of force	compression
Load cell connection	4-wire
Load cell OIML class	G5
Load cell - characteristic value - nominal	1 mV/V
Load cell - Combined error	0,5%
Measuring applications	force mass
Load cell - Input resistance - nominal	350 Ω
Load cell - Output resistance - nominal	350 Ω
Load cell - Isolation resistance - [Min]	5000 MΩ
Load cell - Recommended excitation voltage [Min]	9 V
Load cell - Recommended excitation voltage [Max]	12 V
Load cell - Input resistance - variance	20 Ω
Load cell - Output resistance - variance	3 Ω

Construction

Design	Load cell
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