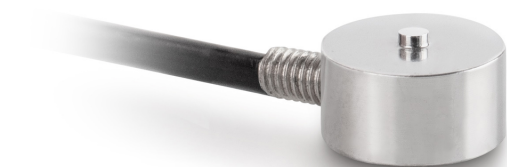


KERN CO 5-Y4

Miniature cylindrical load cell made from stainless steel

KERN



Category	
Brand	Sauter
Product category	Measuring cell
Product group	Load/force measuring cell
Product family	CO Y4

Measuring System	
Weighing capacity [Max]	5 kg
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 M Ω
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
Measuring range force [Max] (N)	50 N
Directions of force	compression

Approval	
CE mark	✓

Construction	
Design	Load cell
Material	stainless steel
Cable length	2 m
Mounting - force application	Thrust piece (from customer side)
Mounting - force dissipation	Mold nest

Functions	
IP protection - complete device	IP67

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

Packing & Shipping	
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	150×100×38 mm
Net weight	0,021 kg
Shipping method	Parcel service
Net weight approx.	0,05 kg
Gross weight approx.	0,10 kg
Shipping weight	0,1 kg

Services (optional)	
Article number for DAkkS calibration (compressive force)	963-261V

Pictograms

STANDARD



OPTION

