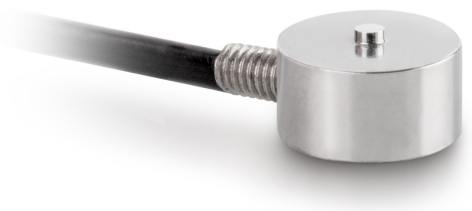
SAUTER **CO 5-Y4**

Miniature cylindrical load cell made from stainless steel



Date of creation: 10.08.2026

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

Measuring System	
Weighing capacity [Max]	5 kg
Measuring range force [Max] (N)	50 N
Load cell - characteristic value - nominal	1 mV/V
Load cell OIML class	G5
Load cell connection	4-wire
Measuring applications	force mass
Directions of force	compression
Load sell - Input resistance - nominal	350 Ω
Load cell - Output resistance - nominal	350 Ω
Load cell - Input resistance - variance	20 Ω
Load cell - Output resistance - variance	3 Ω
Load cell - Recommended exitation voltage [Min]	9 V
Load cell - Recommended exitation voltage [Max]	12 V
Load cell - Isolation resistance - [Min]	5000 MΩ
Load cell - Combined error	0,5%

Functions	
IP protection - complete device	IP67

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

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

Approval	
CE mark	✓

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

Product information	
Warranty Time	24 mon
Trade number	90249000
GTIN/EAN number	4045761232884

Packing & Shipping	
Shipping method	Parcel service
Delivery time	1 d
Dimensions packaging (W×D×H)	150×100×38 mm
Net weight approx.	0,05 kg
Gross weight approx.	0,10 kg
Shipping volume weight	0,1 kg

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Pictograms

STANDARD

OPTION