

KERN CO 50-Y1

Miniature cylindrical load cell made from stainless steel



Article codes, product groups & Status information

Model article-code	CO 50-Y1
Model-Serie	CO Y1
Assortment	Sauter
Product Type	Measuring cells
Product group	Knob shaped load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761233065
Planned start date	2020-1HJ
Customs tariff number	90249000
CE Label	Yes

Technical data - Primary

Force directions	Compression
OIML class	G5
Weighing capacity	50 kg
Max (N)	500 N

Technical data - Construction

IP Protection	IP65
Material	Stainless steel
cable length	2 m
Mounting force in	Pressure piece (from customer side)
Mounting force out	3x M3 threaded hole

Technical data - Power supply

Excitation Voltage min.	9 V
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Excitation Voltage max.	12 V
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Technical data - Measuring system

Full scale output	1,5 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	0.10 kg
Net weight	0.05 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

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Standard



Option

