

KERN CS 100-3Q1

6-wire "S" measuring cell made of nickel-plated steel for force and mass measurement



Article codes, product groups & Status information

Model article-code	CS 100-3Q1
Model-Serie	CS Q1
Assortment	Sauter
Product Type	Measuring cells
Product group	S-shape load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761222007
Planned start date	2019-1HJ
Customs tariff number	90249000
CE Label	Yes

Technical data - Primary

Force directions	Compression;tension
OIML class	C3
Weighing capacity	100 kg
Max (N)	1 kN

Technical data - Construction

IP Protection	IP67
Material	Steel, nickel-plated
Dimensions	80×62,1×19 mm
cable length	5 m
Mounting force in	Threaded hole M12
Mounting force out	Threaded hole M12

Technical data - Power supply

Functions

Standard

Excitation Voltage min. 10 V

Excitation Voltage max. 15 V

Technical data - Measuring system

Full scale output	2 mV/V
combined error	0,017%
load cell connection	6-Leiter
measuring applications	Force;mass

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	250×155×60 mm
Gross weight	0.90 kg
Net weight	0.80 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	242 g
Packaging component - by weight - plastics	5 g
Delivery time	1 d

Technical data - Verification

Resolution loadcell (e)	3000 e
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IP 67



1 DAY

Option



DAkkS

+3 DAYS



ISO

+4 DAYS