

KERN CS 5000-3P1

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



Article codes, product groups & Status information

Model article-code	CS 5000-3P1
Model-Serie	CS P1
Assortment	Sauter
Product Type	Measuring cells
Product group	S-shape load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761221543
Planned start date	2019-1HJ
Customs tariff number	90249000
CE Label	Yes

Technical data - Primary

Force directions	Compression;tension
OIML class	C3
Weighing capacity	5000 kg
Max (N)	50 kN

Technical data - Construction

IP Protection	IP67
Material	Steel, nickel-plated
Dimensions	76,2×101,6×27,2 mm
cable length	6 m
Mounting force in	Threaded hole M20 × 1,5
Mounting force out	Threaded hole M20 × 1,5

Technical data - Measuring system

Functions

Standard

Full scale output	2 mV/V
combined error	0,02%
load cell connection	4-guide
measuring applications	Force;mass

Technical data - Environmental conditions

Usage Temperature (min)	-10 °C
Usage temperature (max)	40 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	205×170×60 mm
Gross weight	1.6 kg
Net weight	1.4 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	100 g
Delivery time	1 d

Technical data - Verification

Resolution loadcell (e)	3000 e
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Option

