

KERN FH 1K

Universal digital force gauge for tensile and compressive force measurements with external load cell

KERN®



Article codes, product groups & Status information

Model article-code	FH 1K
Model-Serie	FH-M-EXT
Assortment	Sauter
Product Type	Force measurement
Product group	Digital force-measuring devices (external sensor)
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761368507
Predecessor Model	FH 1K-2.019a; FH 1K-2.023a
Planned start date	2024-2HJ
Customs tariff number	90248000
CE Label	Yes
Country of Origin	CN

Technical data - Primary

Max. Force	1 kN
Readability	0,5 N

Technical data - Construction

Dimension housing (W×D×H)	45×25×0 mm
Material housing	Plastic
Mounting thread	threaded hole M12

Technical data - Display

Display type	LCD
Display reverse	Yes

Technical data - Power supply

Power supply	Battery & Power supply
Battery type	NiMH
Operating time (Display off)	40 h
Operating time (Display on)	24 h
Interfaces	RS-232 standard;USB-Device

Technical data - Measuring system

Units	N
Tolerance (% from Max.)	0,5%
Force direction	Compression;tension

Technical data - Functions

Statistic-Function	Yes
Limit value (Min - Max)	Yes
Audible ready signal	Yes
Interface	RS-232 standard;USB-Device

Technical data - Environmental conditions

Maximum operating temperature	40 °C
Minimum storage temperature	40 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	330×190×175 mm
Gross weight	2,8 kg
Net weight	1,6 kg

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Shipping method	Parcel service
UN number	Ni-MH (UN 3496, Packing Instruction #0, Not Restricted as per Special Provision A199)
Packaging component - by weight - cardboard	210 g
Packaging component - by weight - plastics	14 g
Packaging component - by weight - styrofoam	536,5 g
Delivery time	1 d

Technical data - Counting data

Memory	Yes
Value memory - number of groups	1
Value memory - number of cells (per group)	10

Optional Services

DAkkS calibration - push/pull	963-362
DAkkS calibration - push only	963-262
DAkkS calibration - pull only	963-162

Functions

Standard



Option

