

KERN FH 100K

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



Article codes, product groups & Status information

Model article-code	FH 100K
Model-Serie	FH-M-EXT
Assortment	Sauter
Product Type	Force measurement
Product group	Digital force-measuring devices (external sensor)
Product usage type	Main article
EAN code (Model)	4045761368484
Predecessor Model	FH 100K-2019a; FH 100K-2023a
Planned start date	2024-2HJ
Customs tariff number	90248000
CE Label	Yes

Technical data - Primary

Max. Force	100 kN
Readability	50 N

Technical data - Construction

Dimension housing (W×D×H)	240×70×40 mm
Material housing	Plastic
Mounting thread	Threaded hole M30 × 2

Technical data - Display

Display type	LCD
Display reverse	Yes

Technical data - Power supply

Power supply

Battery type	NiMH
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Operating time (Display off)	40 h
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Operating time (Display on)	24 h
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Technical data - Measuring system

Units	KN
Tolerance (% from Max.)	0.5%
Force direction	Compression;tension

Technical data - Functions

Statistic-Function	Yes
Hold-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)	420×270×230 mm
Gross weight	13 kg
Net weight	10 kg
Shipping method	Parcel service

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UN number	Ni-MH (UN 3496, Packing Instruction #0, Not Restricted as per Special Provision A199)
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Packaging component - by weight - cardboard	1.3 kg
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Packaging component - by weight - styrofoam	1085 g
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Delivery time	1 d
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Technical data - Counting data

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

Standard



Option

