

KERN FL 20K

Powerful digital force gauge with graphic assisted display for tensile and compressive force measurements with external load cell



Article codes, product groups & Status information

Model article-code	FL 20K
Model-Serie	FL
Assortment	Sauter
Product Type	Force measurement
Product group	Digital force-measuring devices (external sensor)
Product usage type	Main article
EAN code (Model)	4045761216006
Planned start date	2018-2HJ
Customs tariff number	90248000

Technical data - Primary

Max. Force	20 kN
Readability	10 N

Technical data - Construction

Dimensions of housing	175×75×30 mm
Material housing	Aluminium
Mounting thread	Threaded hole M12

Technical data - Display

Display type	LCD
Display digit height	8.5 mm
DisplayReverse	Yes

Technical data - Power supply

Power supply	Battery & Power supply
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Battery type	NiMH
Operating time (Display off)	10 h
Operating time (Display on)	8 h
Mains adapter/adaptor included	CH;EURO
Protection Class	No protection class

Technical data - Measuring system

Units	N
Tolerance (% from Max.)	0.2%
Force direction	Compression;tension

Technical data - Functions

Limit value (Min - Max)	Yes
Interface	Analog (0 +/-2V);RS-232 serienmäßig;USB-Device

Technical data - Environmental conditions

Maximum operating temperature	35 °C
Minimum storage temperature	40 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	373×324×110 mm
Gross weight	2.8 kg
Net weight	1.6 kg
Shipping method	Parcel service
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	1220 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)	500
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Functions

Standard



Option

