

KERN FH 20K

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



Article codes, product groups & Status information

Model article-code	FH 20K
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)	4045761368552
Predecessor Model	FH 20K-2019a; FH 20K-2023a
Planned start date	2024-2HJ
Customs tariff number	90248000
CE Label	Yes

Technical data - Primary

Max. Force	20 kN
Readability	10 N

Technical data - Construction

Dimension housing (W×D×H)	240×70×40 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 type NiMH

Operating time (Display off) 40 h

Operating time (Display on) 24 h

Technical data - Measuring system

Units KN

Tolerance (% from Max.) 0.5%

Force direction Compression;tension

Technical data - Functions

Statistic-Function Yes

Peak-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) 360×240×170 mm

Gross weight 3 kg

Net weight 1.6 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)
Packaging component - by weight - cardboard	210 g
Packaging component - by weight - plastics	14 g
Packaging component - by weight - styrofoam	743 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

Functions

Standard



Option

