

KERN FH 1K

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



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-2019a; FH 1K-2023a
Planned start date	2024-2HJ
Customs tariff number	90248000
CE Label	Yes

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 type	NiMH
--------------	------

Operating time (Display off)	40 h
------------------------------	------

Operating time (Display on)	24 h
-----------------------------	------

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
------------	--------

Shipping method	Parcel service
-----------------	----------------

UN number	Ni-MH (UN 3496, Packing Instruction #0, Not Restricted as per Special Provision A199)
-----------	---

KERN FH 1K

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



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

