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	Testing & Measuring Devices
Product Type	Force measurement
Product group	Digital force-measuring devices (external sensor)
Product usage type	Main article
EAN code (Model)	4045761216006
Successor Model	FM 20K
Planned start date	2018-2HJ
Customs tariff number	90248000
Model Status	Yes
CE Label	Yes
Country of Origin	TH

Technical data - Primary	
Max. Force	20 kN
Readability	10 N

Technical data - Construction	
Dimension housing (W×D×H)	175×75×30 mm
Material housing	Aluminium
Mounting thread	threaded hole M12

Technical data - Display	
Display type	LCD
Display digit height	8,5 mm
Display reverse	Yes

Technical data - Power supply	
Power supply	Battery & Power supply
Battery type	NiMH
Operating time (Display off)	10 h
Operating time (Display on)	8 h
Mains adapter/adapter included	CH;EURO
Protection Class	No protection class
Interfaces	Analog (0 +/-2V);RS-232 serienmäßig;USB-Device

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)
Packaging component - by weight - cardboard	1.220 g
Delivery time	1 d

Technical data - Counting data	
Memory	Yes
Value memory - number of groups	1
Value memory - number of cells (per group)	500

Functions

Standard



Option

