

KERN KFB-TM-2017a

Display device with large, easy to read digits and optional analogue output for controlling systems (PLC) etc.



Construction

Dimension housing (W×D×H)	250×160×65 mm
Dimension display device (W×D×H)	250×160×65 mm
Material display housing	Plastics

Functions

Sum memory function	✓
Recipe/summing level	Sum A
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
Counting function	✓
Reference quantity	10, 20, 50, 100, 200
IP protection - display	no IP protection
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off 5 min 30 min 15 min
Auto-off interval(s) in mains power mode	3 min off 5 min 30 min 15 min
Tare function	manual (multi)
Number of keys for operation	7

Interface

Interfaces	RS-232 standard Bluetooth BTC (v2.0) (optional, factory) analogue (0 - 10 V) (optional, factory) analogue (4 - 20 mA) (optional, factory)
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Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH

Category

Brand	KERN
Product category	Component
Product group	Display device
Product family	KFB-TM

Measuring System

Number of weighing ranges	2
Terminal resolution (not verifiable)	30.000
Terminal resolution (verifiable)	6.000
Adjustment options	Adjusting with external weight
Linearisation in dots	3
Default unit	kg
Units	kg g lb oz lb:oz
Units (if device is conformity assessed)	kg g
Load cell - load cell resistance [Min] (Ohm)	87
Load cell - load cell resistance [Max] (Ohm)	1600

Display

Display type	LCD
Display type	LCD with backlight
Display backlight	✓
Display segments	5 + 1/2
Display digit height	52 mm

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Input voltage power supply / power [Max]	110 V - 230 V AC
Input voltage device / power [Max]	12 V, 500 mA
Battery / accumulator type	Pb
Rechargeable battery	6 V, 1.2 Ah
Rechargeable battery operating time - backlight on	8 h
Rechargeable battery operating time - backlight off	35 h
Rechargeable battery charging time	12 h
Rechargeable battery optional	Rchrg. battery optional

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C

Approval

CE mark	✓
Accuracy classe	III

Services (optional)

Article number for adjustment at the location of installation	auf Anfrage on request
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Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	325×200×220 mm
Net weight	1,06 kg
Shipping method	Parcel service
Net weight approx.	1,2 kg
Gross weight approx.	1,8 kg
Shipping weight	2,9 kg

Pictograms

STANDARD



OPTION



FACTORY

