

KERN KFN-TM

KERN

Stainless steel display device with IP65 protection and superior display size and optional analogue output for controlling systems (PLC) etc.



Dimension display device (W×D×H) 320×200×250 mm

Material housing stainless steel

Material display housing stainless steel

Wall mount ✓

Functions

Sum memory function ✓

Recipe/summing level Sum A

Conversion function ✓

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

Hold function ✓

IP protection - display IP65

Auto-off interval(s) in battery mode/rechargeable battery mode
off
5 min
15 min

Auto-off interval(s) in mains power mode
off
5 min
15 min

Tare function manual (multi)

Number of keys for operation 7

Interface

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

Power Supply

Supplied power supply Accu & Power supply

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

Power supply - Cable length 180 cm

Category

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

Measuring System

Number of weighing ranges	2
Indicator configuration	SingleRange MultiRange MultiInterval
Terminal resolution (not verifiable)	30.000
Terminal resolution (verifiable)	6.000
Adjustment options	Adjusting with external weight
Linearisation in dots	3
Units	kg
Default unit	kg
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

Construction

Dimension housing (W×D×H)	265,5×164,5×96 mm
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Input voltage power supply / power [Max]	110 V - 230 V AC
Power supply cable removable	removable
Input voltage device / power [Max]	12 V, 500 mA
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 9,5 mm
Battery / accumulator type	Pb
Battery connection	Plug-in terminals
Rechargeable battery	6 V, 4 Ah
Rechargeable battery operating time - backlight on	20 h
Rechargeable battery operating time - backlight off	35 h
Rechargeable battery charging time	12 h
Battery/Accu connected	fixed electrical connection, not insulated

Environmental conditions

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

Approval

CE mark	✓
Conformity assessment possible ex works	✓
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)	330×250×210 mm
Shipping method	Parcel service
Net weight approx.	2,6 kg
Gross weight approx.	3,2 kg
Shipping weight	3,5 kg

Product information

GTIN/EAN number	4045761194427
REACH classification	no prohibited substances

Pictograms

STANDARD



FACTORY

