KERN **KFN-TM**

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



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

Measuring System	
Number of weighing ranges	2
Load cell - load cell resistance [Max] (Ohm)	1600
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

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
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
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

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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

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
Shipping volume weight	3,5 kg

Product information

GTIN/EAN number	4045761194427
Trade number	84239010
REACH classification	no prohibited substances

Pictograms

STANDARD



FACTORY

