

KERN KDP 10K-3

KERN

Universal weighing platforms for flexible connection in process chains



Material housing	plastic
Material weighing plate	stainless steel
Material platform	Plastics
Material display housing	No display available
Level indicator	✓
Levelling feet adjustable	✓
Cable length	1,2 m
Display device cable length	1,5 m

Functions

IP protection - display	no IP protection
Auto-off interval(s) in mains power mode	off

Interface

Interfaces	Ethernet (optional, factory) WiFi (optional, factory) Bluetooth BLE (v4.0) (optional, factory) USB-Device
EasyTouch (ET) - Compatibility	vollständig
EasyTouch (ET) - Connection type	über alle verfügbare Schnittstellen möglich

Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	USB including power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	5 V, 1 A

Environmental conditions

Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Humidity of environment [Max]	80 %

Approval

CE mark	✓
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Services (optional)

Article number for adjustment at the location of installation	961-248
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Category

Brand	KERN
Product category	Component
Product group	Digital platform
Product family	KDP

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	10 kg
Readability [d]	1 g
Reproducibility	1 g
Linearity	± 3 g
Resolution	10.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	10 kg (M1)
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	3 g
Maximum creep (15 minutes)	4 g
Maximum creep (30 minutes)	8 g
Default unit	g

Construction

Dimension housing (W×D×H)	165×166×75 mm
Dimensions completely mounted (W×D×H)	165×166×75 mm
Dimension display device (W×D×H)	0×0×0 mm
Dimensions weighing surface (W×D)	160×160 mm
Dimensions weighing surface	160×160 mm
Dimensions weighing platform (W×D×H)	165×165×73 mm

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Article number for DAkkS
calibration 963-128

Article number for certificate of
conformity (verification) 969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	250×355×160 mm
Net weight	1,35 kg
Shipping method	Parcel service
Net weight approx.	1,4 kg
Gross weight approx.	2,2 kg
Shipping weight	2,8 kg

Pictograms

STANDARD



OPTION



FACTORY

