

KERN KDP 10K-4

KERN

Universal weighing platforms for flexible connection in process chains



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]	100 mg
Reproducibility	100 mg
Linearity	± 300 mg
Resolution	100.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	10 kg (F1)
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	300 mg
Maximum creep (15 minutes)	1 g
Maximum creep (30 minutes)	2 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 (W×D)	160×160 mm
Dimensions weighing platform (W×D×H)	165×165×73 mm

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	✓

Services (optional)	
Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

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Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	250×355×160 mm
Net weight	1,349 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

