KERN **KDP 10K-4**

Universal weighing platforms for flexible connection in process chains



Date of creation: 22.06.2026

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)
Stabilization time	3 s
Eccentric loading at 1/3 [Max]	300 mg
Construction type of the scale	Single-range balance
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	160×160 mm
Dimensions weighing platform (W×D×H)	165×165×73 mm
Material housing	plastic
Material weighing plate	stainless steel
Material platform	plastic
Material display housing	No display available
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Cable length	1,2 m
Display device cable length	1,5 m
Load cells - number	1

Functions

IP protection - display	no IP protection
IP protection - load cell	no IP protection
Auto-off interval(s) in mains power mode	off
Tare function	manual (single & multi)

Interface

Interfaces	Ethernet (optional, factory) WiFi (optional, factory) Bluetooth BLE (v4.0) (optional, factory) USB-Device
compatible with EasyTouch	✓

Power Supply

Supplied power supply	Power supply unit
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
Power supply cable removable	removable
Input voltage device / power [Max]	5 V, 1 A
Power socket for mains adapter	USB B

Environmental conditions

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

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Approval	
CE mark	✓

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

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

Product information	
GTIN/EAN number	4045761251861
Trade number	84239010
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

