KERN **KDP 10K-4**

Universal weighing platforms for flexible connection in process chains

KERN

Category

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

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	10 kg
Readability [d]	100 mg
Resolution	100.000
Linearity	± 300 mg
Reproducibility	100 mg
Default unit	g
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

Approval

CE mark	✓

Display

Display type	no display

Construction

Dimension display device (W×D×H)	0×0×0 mm
Dimension housing (W×D×H)	165×166×75 mm

Dimensions weighing platform (W×D×H)	165×165×73 mm
Dimensions completely mounted (W×D×H)	165×166×75 mm
Material display housing	No display available
Material weighing plate	stainless steel
Material platform	Plastics
Dimensions weighing surface (W×D)	160×160 mm
Cable length	1,2 m
Display device cable length	1,5 m
Levelling feet adjustable	✓

Functions

Auto-off interval(s) in mains power mode	off
Interfaces	Ethernet (optional, factory) WiFi (optional, factory) Bluetooth BLE (v4.0) (optional, factory) USB-Device
IP protection - display	no IP protection

Power Supply

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

Environmental conditions

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

Packing & Shipping

Readability force [d] (N)	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

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

Pictograms

STANDARD

| CAL EXT | USB | KCP PROTOCOL | MULTI | DMS | 1 DAY |

OPTION

| ET | DAkkS +3 DAYS |

FACTORY

| BT 4.0 | WIFI | LAN |