

# KERN KDP 10K-4-2022e

# 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
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	✓
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## 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

Humidity 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

## Services (optional)

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

## Pictograms

### STANDARD



### OPTION



### FACTORY

