KERN **KDP 10K-3**

Universal weighing platforms for flexible connection in process chains

KERN

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 housing	plastic
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	✓

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]	1 g
Resolution	10.000
Linearity	± 3 g
Reproducibility	1 g
Default unit	g
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

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

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	1,35 kg
Shipping method	Parcel service
Net weight approx.	1,4 kg
Gross weight approx.	2,2 kg

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Shipping weight	2,8 kg

Services (optional)

Article number for adjustment at the location of installation	961-248
Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD

CAL EXT · USB · KCP PROTOCOL · B MULTI · DMS · 1 DAY

OPTION

ET · DAkkS +3 DAYS

FACTORY

BT 4.0 · WIFI · LAN