

KERN KGP 10K-4



Robust industrial platform scale with digital weighing transmitter, ideal for varied range of applications for Industry 4.0



Approval

| | |
|---------|---|
| CE mark | ✓ |
|---------|---|

Display

| | |
|---------------------------------|-----------------|
| Display type | LCD |
| Display backlight | no |
| Display digit height | 52 mm |
| Languages of the user interface | Symbol language |

Construction

| | |
|--------------------------------------|------------------|
| Dimension display device (W×D×H) | 250×160×58 mm |
| Dimensions weighing platform (W×D×H) | 300×240×105 mm |
| Material display housing | Plastics |
| Material housing | plastic |
| Material weighing plate | stainless steel |
| Material platform | steel, varnished |
| Dimensions weighing surface (W×D) | 300×240 mm |
| Display device cable length | 2,5 m |
| Transport safety lock - bolt torque | 0,1 Nm |
| Material load cell(s) | aluminium |
| Levelling feet adjustable | ✓ |
| Wall mount | ✓ |

Functions

| | |
|--|--|
| Auto-off interval(s) in battery mode/rechargeable battery mode | off 5 min 15 min |
| PreTare function | ✓ |
| Tare function | manual (multi) |
| Interfaces | RS-232 standard USB Ethernet (optional, factory) WiFi (optional, factory) Bluetooth (v4.0) (optional, factory) |
| IP protection - complete device | - |
| IP protection - display | no IP protection |
| IP protection - load cell | IP65 |

Counting

| | |
|---|----------------------|
| Smallest piece weight when piece counting - laboratory conditions | 500 mg |
| Smallest piece weight when piece counting - normal conditions | 5 g |
| Reference quantity | 10, 20, 50, 100, 200 |

Category

| | |
|------------------|-------------------------|
| Brand | KERN |
| Product category | Component |
| Product group | Digital weighing system |
| Product family | KGP |

Measuring System

| | |
|--------------------------------|--------------------------------|
| Construction type of the scale | Single-range balance |
| Number of weighing ranges | 1 |
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 15 kg |
| Readability [d] | 0,0005 kg |
| Resolution | 30.000 |
| Linearity | ± 0,002 kg |
| Reproducibility | 0,0005 kg |
| Tare range | -15 kg |
| Default unit | kg |
| Units | kg g t |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 15 kg (F2) |
| Stabilization time | 2 s |
| Warm-up time | 120 min |
| Eccentric loading at 1/3 [Max] | 0,0025 kg |
| Maximum creep (15 minutes) | 2 g |
| Maximum creep (30 minutes) | 4 g |
| Loadcell type | aluminium IP65 silicone-coated |
| Load cell connection | 4-wire |

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Counting resolution (laboratory conditions) 30.000

Power Supply

Input voltage power supply / power [Max] 100 V - 240 V, 50 / 60 Hz

Input voltage device / power [Max] 5 V, 500 mA

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

Plug-in power supply / adapter for countries - optional EURO
UK
US
CH

Battery no battery

Environmental conditions

Humidity of environment [Min] 0 %

Humidity of environment [Max] 80 %

Ambient temperature [Min] -10 °C

Ambient temperature [Max] 40 °C

Storage temperature [Min] -20 °C

Storage temperature [Max] 60 °C

Packing & Shipping

Readability force [d] (N) 1 d

Dimensions packaging (W×D×H) 420×700×230 mm

Net weight 5,2 kg

Shipping method Parcel service

Net weight approx. 6 kg

Gross weight approx. 7 kg

Shipping weight 13,5 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



OPTION



FACTORY

