

KERN IFB 15K2DM

KERN

High-resolution industrial scale in heavy version, verification optional



| | |
|--|--------------------|
| Pattern approval for conformity assessment | ✓ |
| Accuracy classe | III |
| Verification scale interval [e] | 0,002 kg; 0,005 kg |
| Conformity assessment possible ex works | ✓ |

| Display | |
|---------------------------------|-----------------|
| Display type | LCD |
| Display backlight | ✓ |
| 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 |
| Dimensions completely mounted (W×D×H) | 300×240×410 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 | 3 m |
| Allowed cable length display device [Max] | 3 m |
| Transport safety lock - bolt torque | 0,1 Nm |
| Material load cell(s) | aluminium |
| Load cells - number | 1 |
| Levelling feet adjustable | ✓ |
| Wall mount | ✓ |
| Stand height | 330 mm |
| Stand inclinable | ✓ |

| Functions | |
|--|-------------------------|
| Number of keys for operation | 7 |
| Auto-off interval(s) in mains power mode | off 5 min 15 min |
| Auto-off interval(s) in battery mode/rechargeable battery mode | off 5 min 15 min |
| Tare function | manual (single & multi) |
| Counting function | ✓ |
| Tolerance weighing | ✓ |
| Tolerance weighing - type of signal | acoustically visual |

| Category | |
|------------------|------------------|
| Brand | KERN |
| Product category | Industrial scale |
| Product group | Platform scale |
| Product family | IFB |

| Measuring System | |
|--|--------------------------------|
| Conformity assessment possible | ✓ |
| Construction type of the scale | Multi-range balance |
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 6 kg; 15 kg |
| Readability [d] | 0,002 kg; 0,005 kg |
| Resolution | 3.000, 3.000 |
| Linearity | ± 0,002 kg; 0,005 kg |
| Reproducibility | 0,002 kg; 0,005 kg |
| Default unit | kg |
| Units | kg |
| Units (if device is conformity assessed) | kg |
| Minimum weight [Min] | 0,04 kg; 0,1 kg |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 15 kg (F2) |
| Stabilization time | 2 s |
| Warm-up time | 10 min; 10 min |
| Eccentric loading at 1/3 [Max] | 0,01 kg; 0,025 kg |
| Loadcell type | aluminium IP65 silicone-coated |
| Load cell connection | 4-wire |

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

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| | |
|---|--|
| Function for averaging under unstable weighing conditions | ✓ |
| Recipe/summing level | Sum A |
| Sum memory function | ✓ |
| Interfaces | RS-232 standard Bluetooth BTC (v2.0) (optional, factory) analogue (0 - 10 V) (optional, factory) analogue (4 - 20 mA) (optional, factory) |
| IP protection - complete device | - |
| IP protection - display | no IP protection |
| IP protection - load cell | IP65 |
| IP protection - platform | no IP protection |

| 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 |
| 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] | 12 V, 500 mA |
| Plug-in power supply type | Power adapter |
| Supplied power supply | Power supply unit |
| Plug-in power supply / adapter for countries - included with the delivery | EURO UK US EURO AUS |
| Plug-in power supply / adapter for countries - optional | UK US CH |
| Rechargeable battery optional | Rchrg. battery optional |
| Rechargeable battery charging time | 12 h |
| Rechargeable battery operating time - backlight on | 8 h |
| Rechargeable battery operating time - backlight off | 35 h |
| Battery | no battery |
| Battery / accumulator type | Pb |

| Environmental conditions | |
|-------------------------------|--------|
| Humidity of environment [Min] | 0 % |
| Humidity of environment [Max] | 80 % |
| Ambient temperature [Min] | -10 °C |
| Ambient temperature [Max] | 40 °C |

| Packing & Shipping | |
|------------------------------|----------------|
| Readability force [d] (N) | 1 d |
| Dimensions packaging (W×D×H) | 416×696×228 mm |
| Net weight | 5 kg |
| Shipping method | Parcel service |
| Net weight approx. | 5,0 kg |
| Gross weight approx. | 7 kg |
| Shipping weight | 13,2 kg |

| Services (optional) | |
|---|---------|
| Article number for adjustment at the location of installation | 961-248 |
| Article number for conformity assessment | 965-228 |
| Article number for DAkkS calibration | 963-128 |
| Article number for certificate of conformity (verification) | 969-517 |

Pictograms

STANDARD



OPTION



FACTORY

