

KERN HCN 50K100IP

KERN

Robust, compact hanging scale with high level of protection against dust and water spray



Category

Brand	KERN
Product category	Industrial scale
Product group	Hanging scale
Product family	HCN

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	50 kg
Readability [d]	0,1 kg
Reproducibility	0,1 kg
Linearity	± 0,2 kg
Resolution	500
Adjustment options	Adjusting with external weight
Recommended adjusting weight	50 kg (M2)
Stabilization time	2 s
Warm-up time	10 min
Maximum creep (15 minutes)	200 g
Maximum creep (30 minutes)	400 g
Eccentric/Off-centre loading is not possible	✓
Default unit	kg
Units	kg lb N
Internal measuring frequency	5 Hz
Tolerance (% of [Max])	0,5%

Display

Display type	LCD
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Display backlight	no
Display screen size	40×17 mm
Display digit height	12 mm
Languages of the user interface	English Symbol language

Construction

Dimension housing (W×D×H)	96×48×179 mm
Dimensions housing - width (A)	95,6 mm
Dimensions housing - depth (B)	48,4 mm
Dimensions housing - height/length (C)	179,2 mm
Dimensions hook/bottom - hole diameter (G)	29 mm
Dimensions loop/top - thickness (H)	2 mm
Dimensions hook/bottom - thickness (I)	13 mm
Material housing	stainless steel
Material load hook	stainless steel
Material display housing	stainless steel
Material load cell(s)	Stainless steels
Load cells - number	1

Functions

Underfloor weighing	None
Hold function	✓
IP protection - complete device	IP65
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Auto-off interval(s) in mains power mode	3 min
Tare function	manual (multi)
Number of keys for operation	3

Power Supply

Supplied power supply	Battery
Battery / accumulator type	Alkali(-Manganese)
Battery	2×1.5 V AA
Battery connection	Battery insert
Battery operating time	300 h
Battery voltage	3 V
Rechargeable battery operating time - backlight off	300 h

Environmental conditions

Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C

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Humidity of environment [Max]	80 %
Storage temperature [Max]	60 °C

Approval	
CE mark	✓
TÜV-tested	✓

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

Packing & Shipping	
Delivery time	1 d
Dimensions packaging (W×D×H)	155×220×75 mm
Shipping method	Parcel service
Net weight approx.	0,50 kg
Gross weight approx.	1,2 kg
Shipping weight	1,145 kg

Pictograms

STANDARD



OPTION

