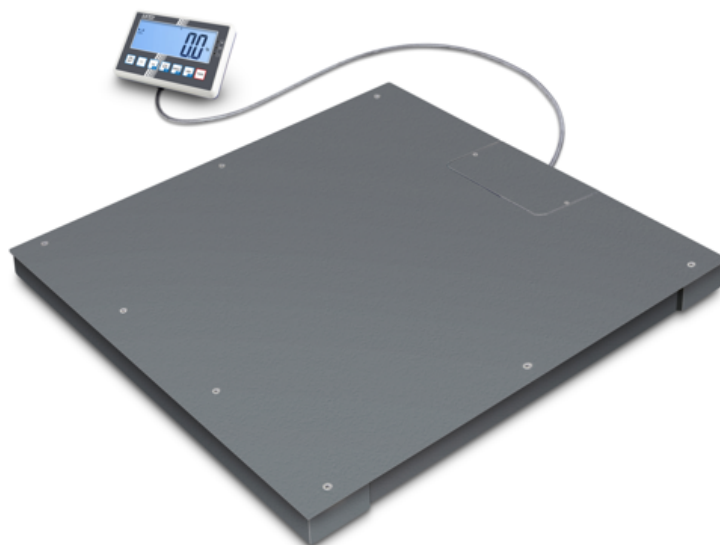


KERN BFC 600K-1SM

Floor scale with screwed-on weighing plate (IP67), with optional verification



Article codes, product groups & Status information

Model article-code	BFC 600K-1SM
Model-Serie	BFC
Assortment	Scales
Segment	Industrial balance
Product group	Floor scales
Product usage type	Main article
EAN code (Model)	4045761481794
Predecessor Model	BFB 600K-1SNM
Planned start date	2025-1HJ
Customs tariff number	84238220
CE Label	Yes
Country of Origin	CN

Technical data - Primary

Weighing capacity	600 kg
Readability	0,2 kg
Minimum load (Min)	4 kg
Net weight	95 kg
Platform size	1.000×1.000 mm

Technical data - Construction

Dimensions display casing (W×D×H)	220×150×66,5 mm
Material weighing plate	Steel, powder-coated
Bubble Level	Yes
Revolving screw feet	Yes

Weighing surface (d)	1.000×1.000 mm
Dimensions of weighing plate (W×D)	1.000×1.000 mm
Indicator cable length	5 m
Wall mount	Yes
Dimension weighing platform (W×D×H)	1.000×1.000×85 mm
IP protection indicator	No IP protection
IP protection platform	IP67
IP protection load cell	IP67

Technical data - Display

Display height	48 mm
Backlight	Yes

Technical data - Power supply

Battery	3V CR2.032
Mains adapter/adaptor included	CH;EURO;UK;US
Charging time	8 h
Input Voltage	100 V - 240 V, 50 / 60 Hz
Operating time (Backlight off)	22 h

Rechargeable battery	Rchrg. battery optional - intern
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Interfaces	Alibi Speicher (optional, factory);Analog (0 - 10 V) (optional);Analog (4 - 20 mA) (optional);Bluetooth BLE (v4.0) (optional);Ethernet (optional);KUP;RS-232 (optional);USB-Device (optional);WLAN (optional)
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Technical data - Measuring system

Calibration method	Adjusting with external weight
Linearity	± 0,6 kg
Readability	0,2 kg
Recommended adjusting weight	600 kg (M1)
Repeatability	0,2 kg
Resolution	3.000
Stabilisation time under laboratory conditions	3 s
Warm up time	10 min
Weighing system	Strain gauge
Weighing units	%;ffa;g;kg;PCS
Linearity (in dots)	2
load cell connection	6-Leiter

Technical data - Environmental conditions

Maximum humidity	80 %
Maximum operating temperature	40 °C
Minimum ambient temperature	-10 °C
Minimum humidity	0 %

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	1.120×1.080×360 mm
Gross weight	135 kg
Net weight	95 kg
Shipping method	Freight

Packaging component - by weight - cardboard 740 g

Packaging component - by weight - wood 36,26 g

Delivery time 3 d

Technical data - Counting data

Counting resolution	3.000
Minimum piece weight at piece counting (Laboratory)	200 g
Minimum piece weight	2 kg

Technical data - Verification

Verification value (e)	0,2 kg
Minimum Load Min	4 kg
Verification by KERN possible	Yes
Verification class	III

Optional Services

DAkkS Calibration	963-130
Verification	965-230

Functions

Standard



Option



Factory

