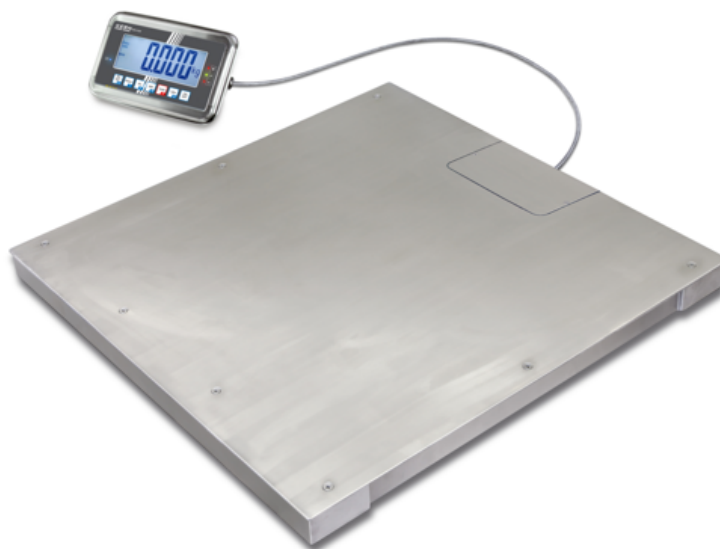


KERN BFN 1T-4SM

Stainless steel weighing bridge with screwed-on weighing plate (IP68) and stainless steel display device (IP65), verification optional



Article codes, product groups & Status information

Model article-code	BFN 1T-4SM
Model-Serie	BFN
Assortment	Scales
Segment	Industrial balance
Product group	Floor scales
Product usage type	Main article
EAN code (Model)	4045761244757
Predecessor Model	BFN 1T-4SM-2.017a; BFN 1T-4SM-2.020a
Successor Model	BXC 15T-4SM
Planned start date	2021-1HJ
Customs tariff number	84238220
Model Status	Yes
CE Label	Yes
Country of Origin	CN

Technical data - Primary

Weighing capacity	1.500 kg
Readability	0,5 kg
Minimum load (Min)	10 kg
Net weight	95 kg
Platform size	1.000×1.000 mm

Technical data - Construction

Dimensions display casing (W×D×H)	266×165×96 mm
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Material weighing plate	Stainless steel
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)	1.000×1.000×90 mm
IP protection indicator	IP65
IP protection platform	IP67
IP protection load cell	IP68

Technical data - Display

Display height	52 mm
Backlight	Yes

Technical data - Power supply

Battery	no battery
Mains adapter/adaptor included	CH;EURO;UK;US
Charging time	12 h
Input Voltage	110 V - 230 V AC
Operating time (Backlight off)	35 h

Interfaces	Analog (0 - 10 V) (optional, factory); Analog (4 - 20 mA) (optional, factory); Bluetooth BTC (v2.0) (optional, factory); RS-232 (optional, factory)
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Technical data - Measuring system

Calibration method Adjusting with external weight

Linearity $\pm 1,5$ kg

Readability 0,5 kg

Recommended adjusting weight 1.500 kg (M1)

Repeatability 0,5 kg

Resolution 3.000

Stabilisation time under laboratory conditions 2 s

Tare range -1.500 kg

Warm up time 10 min

Weighing system Strain gauge

Weighing units Kg

load cell connection 4-guide

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) 1.150×1.150×350 mm

Gross weight 135 kg

Net weight 95 kg

Shipping method Freight

Packaging component - by weight - paper 100 g

Packaging component - by weight - cardboard 940 g

Packaging component - by weight - styrofoam 0 g

Packaging component - by weight - wood 46,06 g

Packaging component - by weight - foam 0 g

Delivery time 3 d

Technical data - Verification

Verification value (e) 0,5 kg

Minimum Load Min 10 kg

Verification by KERN possible Yes

Verification class III

Optional Services

DAkkS Calibration 963-130

Verification 965-230

Functions

Standard



Option

DAkkS

Factory

