KERN IFB 300K50DM

High-resolution industrial scale in heavy version, verification optional



Article codes, product groups & Status information	
Model article-code	IFB 300K50DM
Model-Serie	IFB
Assortment	Scales
Product Type	Industrial balance
Product group	Platform scales
Product usage type	Main article
EAN code (Model)	4045761244153
Predecessor Model	IFB 300K50DM-2.017a; IFB 300K50DM-2.022a
Successor Model	IFC 300K50DM
Planned start date	2021-1HJ
Customs tariff number	84238220
Model Status	Yes
CE Label	Yes
Country of Origin	CN

Technical data - Primary	
Weighing capacity	150 kg;300 kg
Readability	0,05 kg;0,1 kg
Minimum piece weight	100 g
Net weight	20 kg
Platform size	650×500 mm
Indicator cable length	3 m
Dimension weighing platform (W×D×H)	650×500×139 mm

Technical data - Construction	
Dimensions display casing (W×D×H)	250×160×58 mm
Material weighing plate	Stainless steel
Material Platform construction	Steel, powder-coated
Bubble Level	Yes
Revolving screw feet	Yes
Weighing surface (d)	650×500 mm
Dimensions of weighing plate (W×D)	650×500 mm
Indicator cable length	3 m
Wall mount	Yes
IP protection indicator	No IP protection
IP protection platform	No IP protection
IP protection load cell	IP65

Technical data - Display	
Display height	52 mm
Backlight	Yes

Technical data - Power supply	
Battery	no battery
Mains adapter/adapter included	EURO;UK;US
Charging time	12 h
Input Voltage	100 V - 240 V, 50 / 60 Hz
Operating time (Backlight off)	35 h

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Rechargeable battery	Rchrg. battery optional
Interfaces	Analog (0 - 10 V) (optional, factory);Analog (4 - 20 mA) (optional, factory);Bluetooth BTC (v2.0) (optional, factory);RS-232 serienmäßig

Technical data - Measuring system

Calibration method	Adjusting with external weight
Linearity	± 0,05 kg;0,1 kg
Readability	0,05 kg;0,1 kg
Recommended adjusting weight	300 kg (M1)
Repeatability	0,05 kg;0,1 kg
Resolution	3.000, 3.000
Stabilisation time under laboratory conditions	2 s
Warm up time	10 min; 10 min
Weighing system	Strain gauge
Weighing units	Kg
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)	670×1.050×245 mm
Gross weight	24 kg
Net weight	20 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	2 kg
Packaging component - by weight - styrofoam	2 kg
Delivery time	1 d

Technical data - Counting data

Counting resolution	30.000
Mininum piece weight at piece counting (Laboratory)	10 g
Minimum piece weight	100 g

Technical data - Verification

Verification value (e)	0,05 kg;0,1 kg
Minimum load (Min)	1 kg;2 kg
Verification by KERN possible	Yes
Verification class	III

Optional Services

DAkkS Calibration	963-129
Verification	965-229

Functions

Standard



Option



Factory

