KERN IFC 6K1DSM

Robust industrial scales with up to three interfaces, with optional verification



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Article codes, product groups & Status information	
Model article-code	IFC 6K1DSM
Model-Serie	IFC
Assortment	Scales
Product Type	Industrial balance
Product group	Platform scales
Product usage type	Main article
EAN code (Model)	4045761480674
Predecessor Model	IFB 6K-3SM
Planned start date	2024-2HJ
Customs tariff number	84238129
CE Label	Yes
Country of Origin	CN

Technical data - Primary	
Weighing capacity	3.000 g;6.000 g
Readability	1 g;2 g
Minimum piece weight	10 g
Net weight	4,62 kg
Platform size	230×230 mm
Indicator cable length	3 m
Dimension weighing platform (W×D×H)	230×230×106 mm

Technical data - Construction	
Dimensions display casing (W×D×H)	220×150×66,5 mm
Material weighing plate	Stainless steel
Material Platform construction	Steel, powder-coated
Bubble Level	Yes
Revolving screw feet	Yes
Weighing surface (d)	230×230 mm
Dimensions of weighing plate (W×D)	230×230 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	48 mm
Backlight	Yes

Technical data - Power supply	
Battery	3V CR2.032
Mains adapter/adapter included	CH;EURO;UK;US
Charging time	8 h
Input Voltage	100 V - 240 V, 50 / 60 Hz
Operating time (Backlight off)	48 h
Rechargeable battery	Rchrg. battery optional - intern
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	± 1 g;2 g
Readability	1 g;2 g
Recommended adjusting weight	6 kg (M1)
Repeatability	1 g;2 g
Resolution	3.000, 3.000
Stabilisation time under laboratory conditions	3 s
Warm up time	10 min; 10 min
Weighing system	Strain gauge
Weighing units	%;ffa;g;kg;PCS
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)	330×495×231 mm
Gross weight	6 kg
Net weight	4,8 kg
Shipping method	Parcel service
UN number	3091
Packaging component - by weight - cardboard	620 g
Packaging component - by weight - styrofoam	620 g
Delivery time	1 d

Technical data - Counting data	
Counting resolution	6.000
Mininum piece weight at piece counting (Laboratory)	1 g
Minimum piece weight	2 g

Technical data - Verification	
Verification value (e)	1 g;2 g
Minimum load (Min)	20 g;40 g
Verification by KERN possible	Yes
Verification class	III

Optional Services	
DAkkS Calibration	963-128
Verification	965-228

Functions

Standard



Option



Factory

