



iS25-Ex

The compact weighing terminal iS25-Ex offers you full functions in Ex zone 1/21. Benefit from reliable and precise results – even in case of time sensitive applications. Fast data transfer and efficient handling ensure smooth processes. An example: The visual tolerance control with LED traffic light function. One of numerous advantages of the easy-to-integrate iS25-Ex.



More information
High performance
with a wide range of
solutions and options.

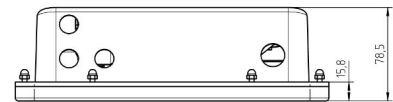
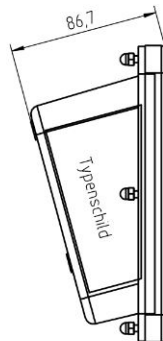
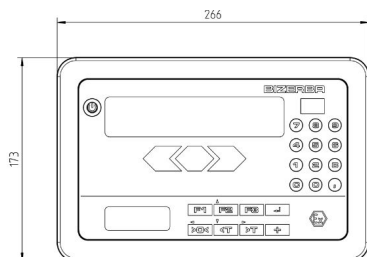
Specifications	Facts	Details
Housing	Stainless steel Table-top mounting	1.4301
Dimensions	266 x 96 x 173 mm	W x H x T
Auxiliary power, integrated power supply	Mains supply 120 - 240 V 24 V AC / DC 24 V DC, rechargeable battery	50 / 60 Hz
IP rating	IP65	according to DIN 40050 (EN 60529)
Ambient temperature	-10 °C to +40 °C -20 °C to +60 °C	Operation metrologically approved Storage / transport:
Display	7-segment display, backlit LCD display with status symbols	Digit size 20 mm Bar display
Membrane keyboard, total of 19 keys	<ul style="list-style-type: none"> – Three keys for basic weighing functions – Keypad – Recording key – Two function keys – Stand-by key 	<ul style="list-style-type: none"> – Tare, delete tare, zero setting – To enter values – With addition – To start applications
Standard interfaces	I/O (4/4) WLAN	Intrinsically safe For service purposes (adjust configuration)
Scale interface	Weighing module 1	Analog scale, max. 1 scale connection
Application programs	Basic software weighing	More software programs optionally available
EU type examination certificate	Approval process pending	
IECEx CoC (Certificate of Conformity)	Approval process pending	
ATEX identification	 Ex II 2G  Ex II 2D	Gas Dust
Normative labeling	Ex ib [ib] mb IIC T4 Gb Ex tb [ib] IIIC T80°C Db IP65	Gas Dust

Options	Facts	Details
Optional interfaces	TTY	Intrinsically safe
	Profibus-DP	Intrinsically safe
	Analog output	Only power output Max. 1 interface
ES for verified application	Metrologically approved data storage Basic	Including SD card
Program licenses	Counting	SW program counting
	Tolerance control with parameter sets	Additionally 20 parameter sets for tolerance values
	Field bus	For interface Profibus DP
	Data output	For interface TTY
Rechargeable battery	Battery box BK-Ex 24 V, capacity 10 Ah	Stainless steel housing with handle IP65 protection Connection via flange connector Operating time approx. 20-35 hours, depending on configuration level
Charger	Charger for 24 V battery box	Power supply 220/240 V, 50 Hz 24 V with European standard size plug IP20 protection
Battery holder	Stainless steel version	
Measuring cable	Variable lengths	For connection of a load receptor
Data and control cables	Various data and control cables	3 m, 6 m, 10 m or running meter
Control panel installation	Installation variant in control panel	W x H x T
	Stainless steel 1.4301	266 x 173 x 86.7 mm
	IP65 protection	
Column	Stainless steel	1.4301

Symbols



Dimensional drawings



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