



## 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.*



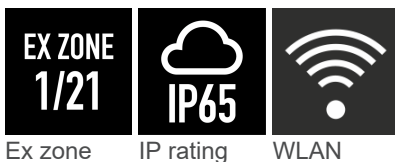
**More information**  
High performance with a wide range of solutions and options.

| Specifications                                  | Facts  | Details  |
|---|--|--|
| <b>Housing</b>                                  | Stainless steel<br>Table-top mounting  | 1.4301   |
| <b>Dimensions</b>                               | 266 x 96 x173 mm   | W x H x T  |
| <b>Auxiliary power, integrated power supply</b> | Mains supply 120 - 240 V<br><br>24 V AC / DC<br>24 V DC, rechargeable battery  | 50 / 60 Hz   |
| <b>IP rating</b>                                | IP65   | according to DIN 40050 (EN 60529)  |
| <b>Ambient temperature</b>                      | -10 °C to +40 °C<br>-20 °C to +60 °C   | Operation metrologically approved<br>Storage / transport:  |
| <b>Display</b>                                  | 7-segment display, backlit<br>LCD display with status symbols  | Digit size 20 mm<br>Bar display  |
| <b>Membrane keyboard, total of 19 keys</b>      | – Three keys for basic weighing functions<br><br>– Keypad<br>– Recording key<br>– Three function keys<br>– Stand-by key  | – Tare, delete tare, zero setting<br><br>– To enter values<br>– With addition<br>– To start applications |
| <b>Standard interfaces</b>                      | I/O (4/4)<br>WLAN  | Intrinsically safe<br>For service purposes (adjust configuration)  |
| <b>Scale interface</b>                          | Weighing module 1  | Analog scale, max. 1 scale connection  |
| <b>Application programs</b>                     | Basic software weighing  | More software programs optionally available  |
| <b>EU type examination certificate</b>          | SEV 18 ATEX 0121 X   |  |
| <b>IECEX CoC (Certificate of Conformity)</b>    | IECEX SEV 18.0005X   |  |
| <b>ATEX identification</b>                      |  Ex II 2G<br><br> Ex II 2D | Gas<br><br>Dust  |
| <b>Normative labeling</b>                       | Ex eb ib [ib] mb IIC T4 Gb<br>Ex tb [ib] IIIC T80°C Db   | Gas<br>Dust  |

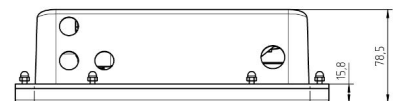
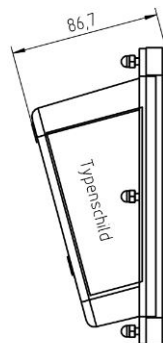
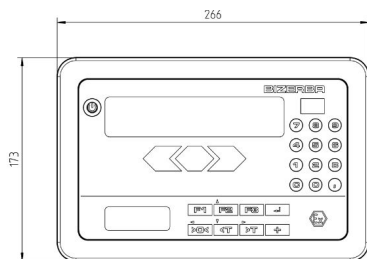
| Options                    | Facts                               | Details   |
|----------------------------|-------------------------------------|---|
| <b>Optional interfaces</b> | TTY<br>Profibus-DP<br>Analog output | Intrinsically safe<br>Intrinsically safe<br>Only power output, intrinsically safe<br>Max. 1 interface |

|                                    |   |   |
|------------------------------------|---|---|
| <b>ES for verified application</b> | Metrologically approved data storage Basic  | Including micro SD card   |
| <b>Program licenses</b>            | Counting<br>Tolerance control with parameter sets<br><br>Field bus<br>Data output               | SW program counting<br>Additionally 20 parameter sets for tolerance values<br><br>For interface Profibus DP<br>For interface TTY                              |
| <b>Power cable</b>                 | 3 m<br>Variable length<br>Customer side   | Parts kit   |
| <b>Rechargeable battery</b>        | Battery box BK-Ex 24 V, capacity 10 Ah  | Stainless steel housing with handle<br>IP65 rating<br>Connection via flange connector<br>Operating time approx. 20-35 hours, depending on configuration level |
| <b>Charger</b>                     | Charger for 24 V battery box  | Mains supply 220/240 V, 50 Hz<br>24 V with European standard size plug<br>IP20 rating   |
| <b>Battery holder</b>              | Stainless steel version   |   |
| <b>Measuring cable</b>             | Variable lengths  | For connection of a load receptor   |
| <b>Data and control cables</b>     | Various data and control cables   | 3 m, 6 m, 10 m or running meter   |
| <b>Control panel installation</b>  | Built-in version for installation in control panel<br><br>Stainless steel 1.4301<br>IP65 rating | W x H x T<br><br>266 x 173 x 86.7 mm  |
| <b>Column</b>                      | Stainless steel   | 1.4301  |

### Symbols



### Maßzeichnungen



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