

## General information

PWS14520241013

The E 70/2 ATEX weighing instrument (stainless steel) has been designed for installation in potentially explosive environments and it is suitable to many fields of industrial weighing: management of level thresholds, weight control and elaborate dosing procedures. The complete digital programming of the instrument E 70/2 ATEX takes place directly from the front keyboard (14 keys). The E 70/2 ATEX product can be customized. The weighing instrument E 70/2 is compliant with the following regulations: EN50081-1, EN5002-2 for EMC; EN61010-1 for Electrical Safety; 94/9/EC for ATEX II 2 GD; EEx d IIB T6÷T4.



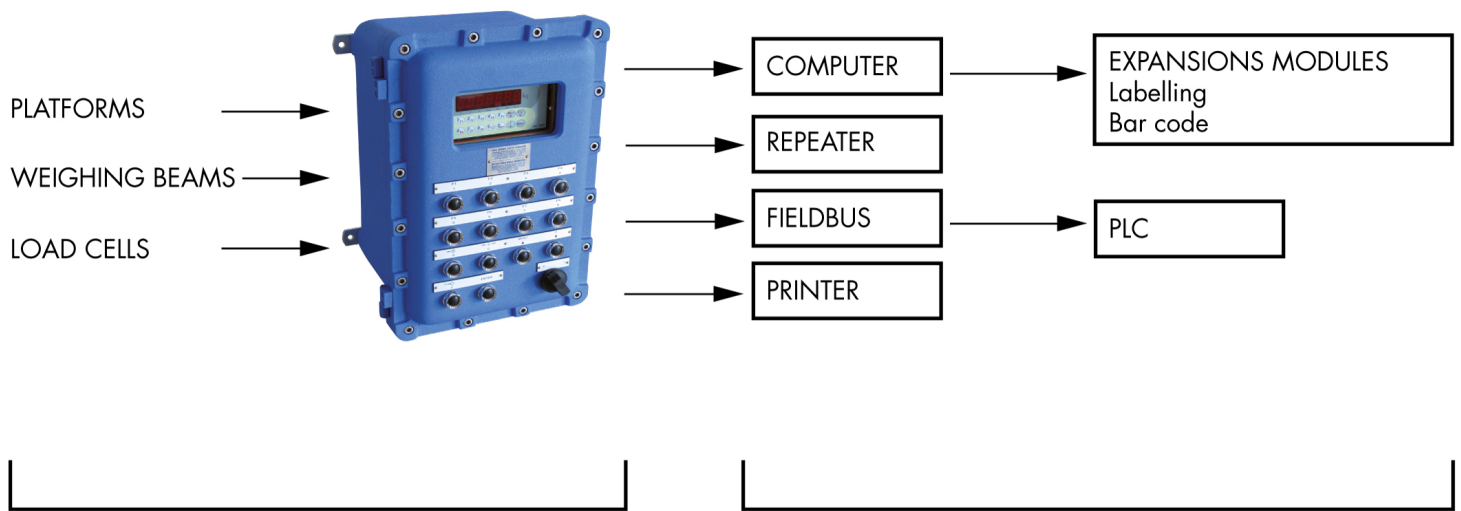
All indicated data may be changed without notice.  
All the measures indicated are expressed in millimeters (mm).

## Technical specifications

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<b>Measuring range:</b>	-3.9 ÷ +3.9 mV/V
<b>Input sensitivity:</b>	0.02 µV/count
<b>Full scale non-Linearity:</b>	<0.01 % full scale
<b>Gain drift:</b>	<0.0003 % of full scale/°C
<b>Display:</b>	7 digit, 7-segment red LED, height 14mm
<b>A/D Converter:</b>	24 bits
<b>Internal Resolution:</b>	> 16.000.000 points
<b>Transducer input voltage:</b>	max 5 V (max 6 cells of 350 Ohm) through intrinsic safety barriers
<b>Visible resolution (in divisions):</b>	60000
<b>Decimal figures range:</b>	0 ÷ 3
<b>Temperature range:</b>	-10 ÷ +50 ° C (max 85% humidity without condensation)
<b>Storage temperature:</b>	-20 ÷ +70 °C
<b>Filter:</b>	0.2 ÷ 50 Hz
<b>Logic output:</b>	6 outputs (clean contact) Max 115 Vac/30 Vdc, 0.5 A each
<b>Logic input:</b>	6 optoisolated 12 Vdc PNP
<b>Serial port:</b>	RS232C or RS422/RS485
<b>Power supply:</b>	230 Vdc 50/60 Hz (optional 115 Vdc) max absorption 15VA
<b>Regulatory compliance:</b>	EN50081-1, EN5002-2 for EMC;
<b>Fieldbus:</b>	ASCII, Modbus RTU
<b>Baud rate:</b>	1200, 2400, 4800, 9600, 19200, 38400, 115200 selectable
<b>Transmission distance:</b>	15m (RS232C), 1000m (RS422; RS485)

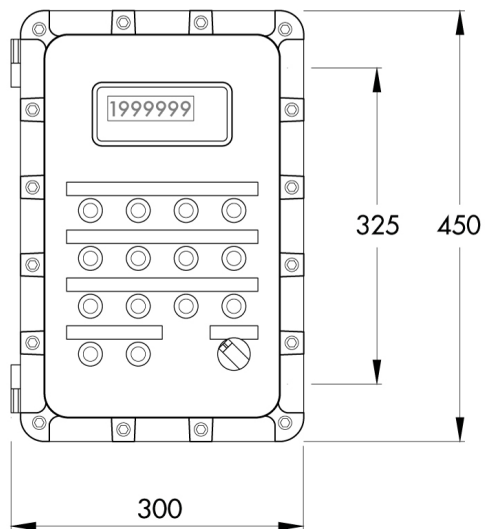
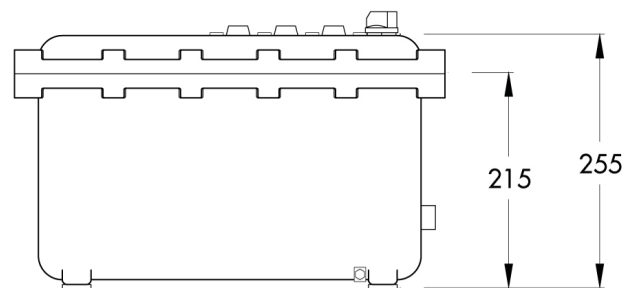
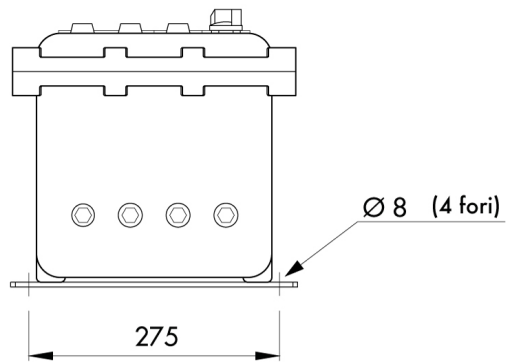
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**HAZARDOUS AREA**

**SAFE AREA**

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