General information

PWS14520251218

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 keybord (14 keys). The E 70/2 ATEX product can be custmoized. 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.

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Industrial Electronic Weighing Systems since 1963

Technical specifications

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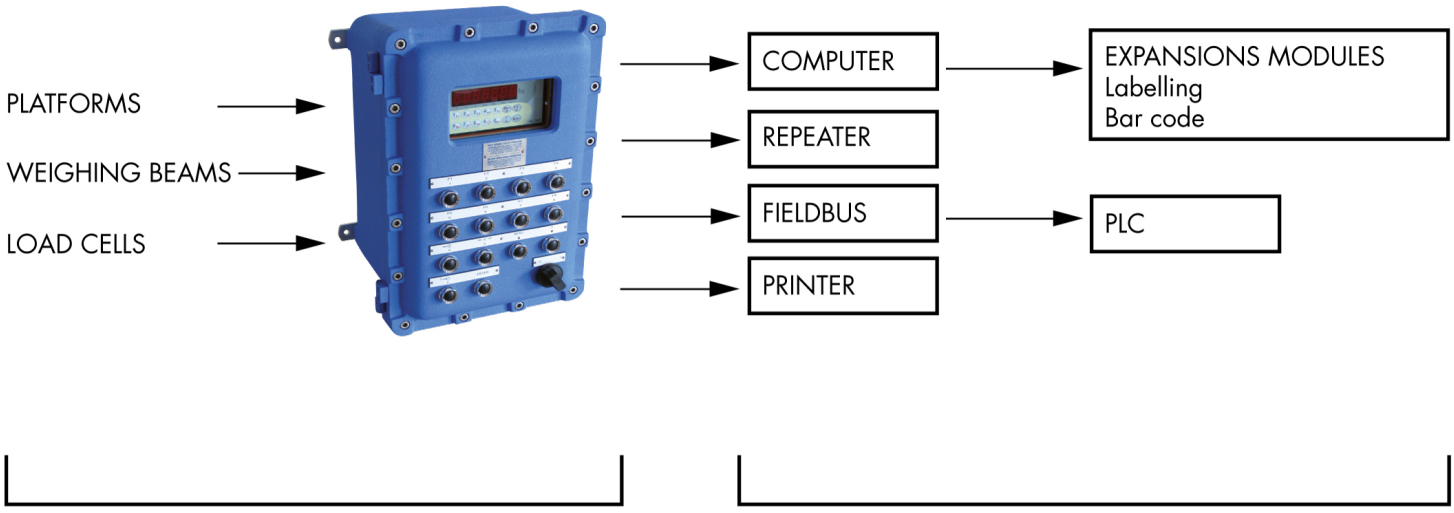
Measuring range:	-3.9 ÷ +3.9 mV/V
Input sensitivity:	0.02 µV/count
Full scale non-Linearity:	<0.01 % full scale
Gain drift:	<0.0003 % of full scale/°C
Display:	7 digit, 7-segment red LED, height 14mm
A/D Converter:	24 bits
Internal Resolution:	> 16.000.000 points
Trasducer input voltage:	max 5 V (max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



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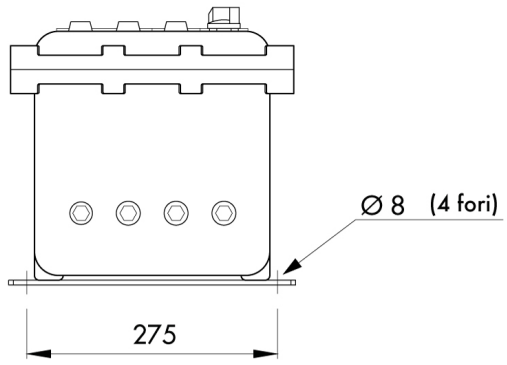

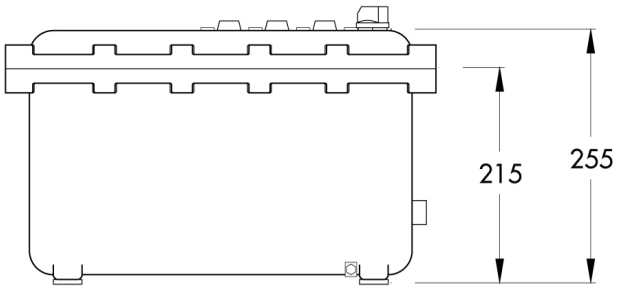

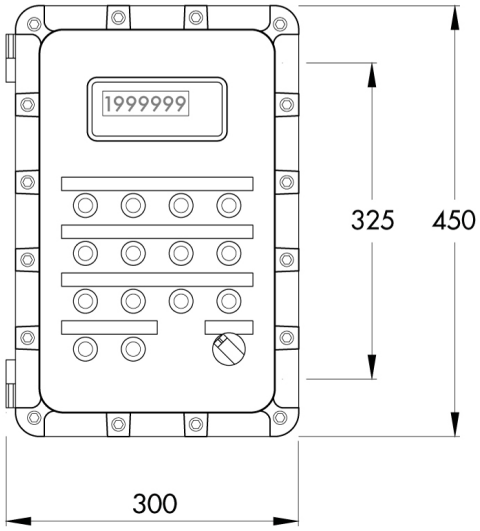

All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).