

General information

PWS14520260509

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.



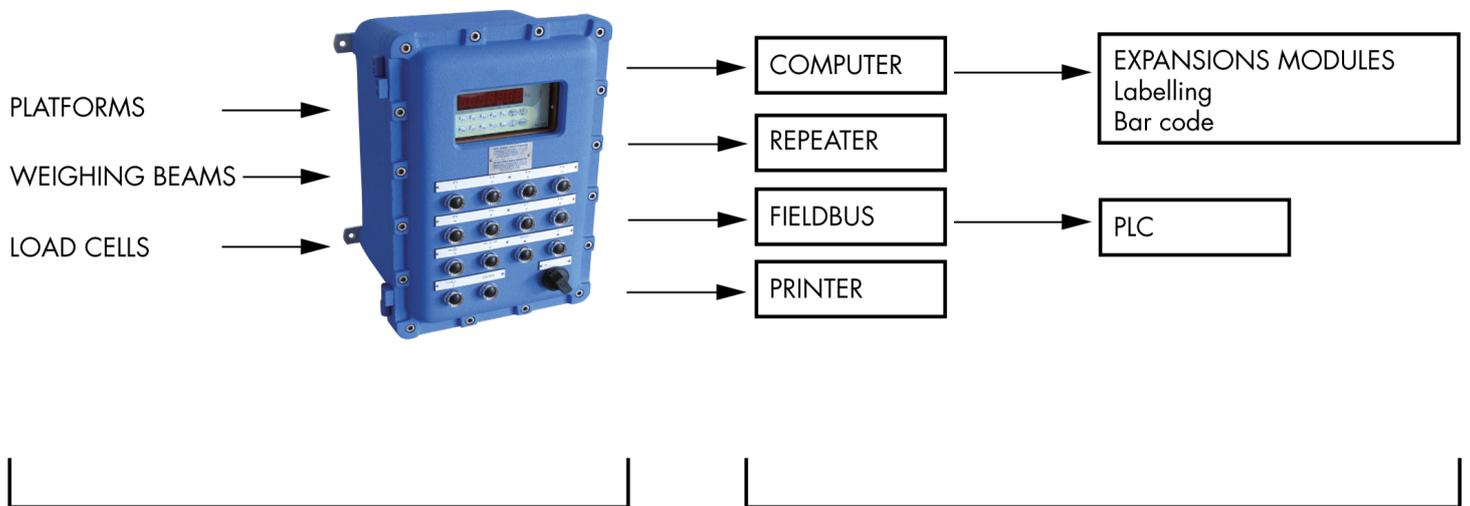
All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

Technical specifications

PWS14520260509

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
Transducer 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)

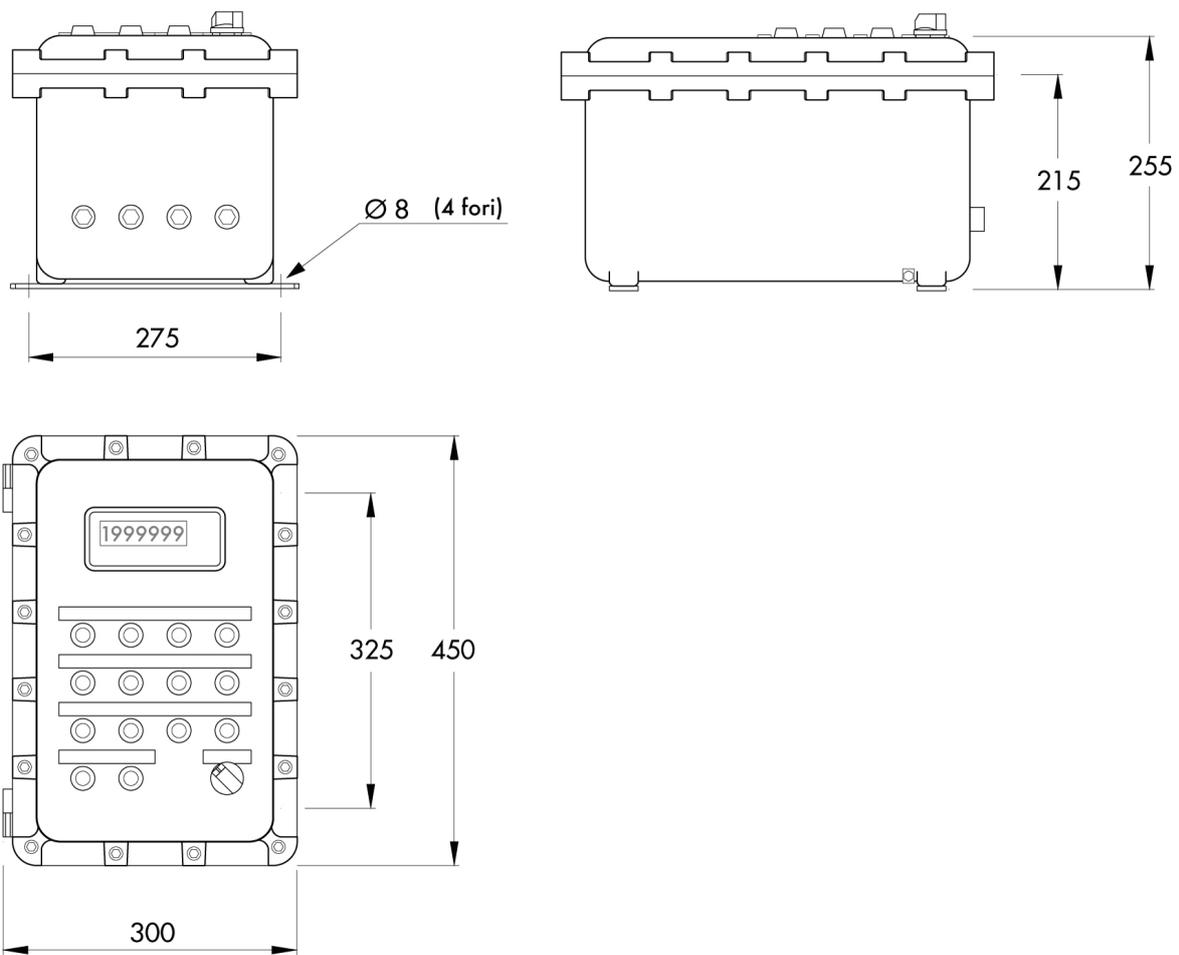
All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).



HAZARDOUS AREA

SAFE AREA

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



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