

DESCRIPTION AND FEATURES

The AE2-4210.SC-A weighing indicator is a weight measuring instrument that uses load cells (for industrial weighing applications) or a pulse counter with reset, configurable via a menu. The device allows for keypad tare, range adjustment, filter time settings, zeroing, and auto-zeroing.



Features:

- Accuracy, precision, easy installation and configuration.
- 3 configuration and control keys.
- 1 load cell input with 24-bit resolution.
- 3 opto-isolated open-collector digital outputs.
- 2 opto-isolated digital inputs.
- Standard dimensions for easy mounting in 19" racks or transponder panels.

TECHNICAL DATA

Supply voltage:	Universal input 100-240VAC / 50-60 Hz or 24VDC
Maximum rated power required:	3.5W
Number of digits:	5 (99999) red 14mm
Load cell supply voltage:	5VDC
Maximum number of load cells:	Up to 8 x 350Ω / 16 x 700Ω load cells
Operating temperature:	5 to 40°C
Humidity:	85% non-condensing
Analog output	0-5V, 0-10V / 0-20mA, 4mA
Opto-isolated digital outputs:	3 PNP outputs, 120mA max.
Opto-isolated digital inputs:	2 inputs for counter and reset. Max. Vmax. 30VDC.
RS-485 communication:	Up to 128 nodes and 115.2Kbaud. Max. distance 1km.
CAN communication:	Up to 64 nodes and 1 Mbit/s. Max. distance 200m.

MODELS

CÓDIGO	MODEL	DESCRIPTION
AE203509016	AE2-4210.SC-A	Weighing indicator / pulse counter with analog output
AE203509018	AE2-4210.SC-A 24 Vdc	Weighing indicator / pulse counter with 24 Vdc analog output
AE203509003		AE2-4210 Frame

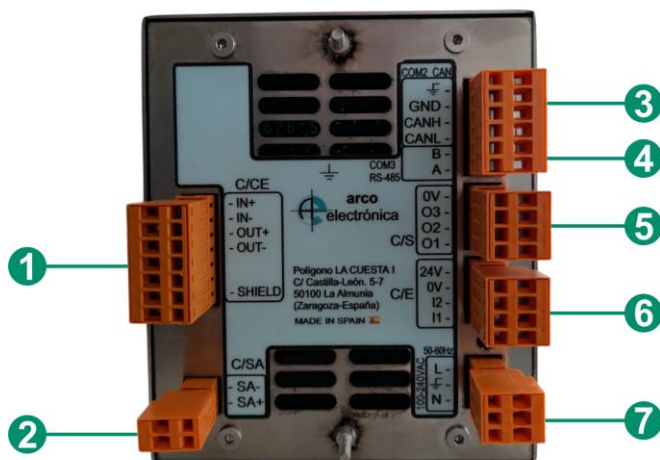
QUALITY CERTIFICATIONS



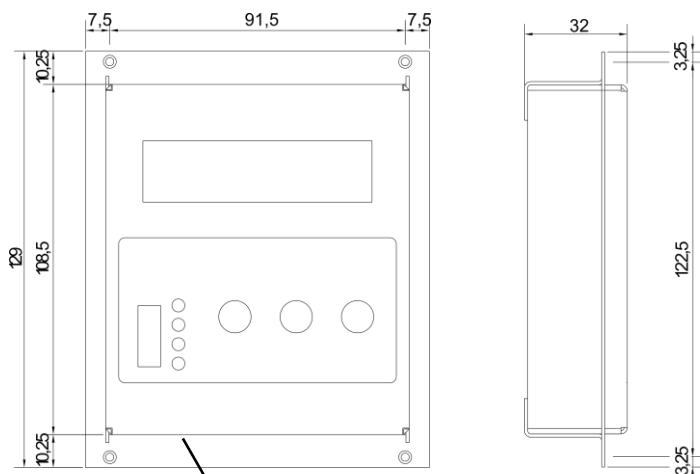
- Electromagnetic compatibility directive: EN 45501:2015.

CONNECTION

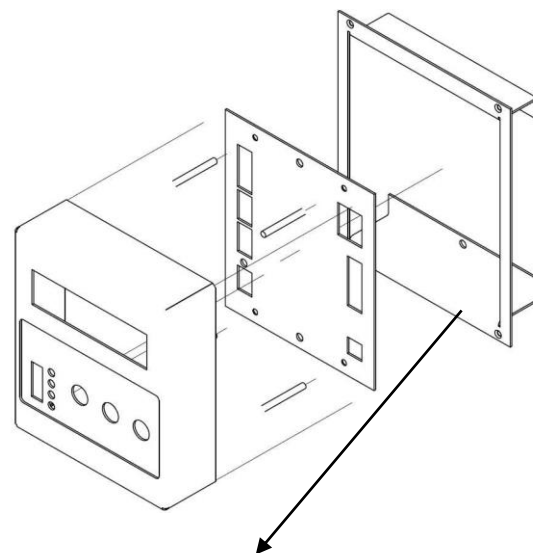
1	C/CE: Load cell input connector.
2	C/SA: Analog output connector.
3	COM2: CAN communication connector.
4	COM3: RS-485 communication connector.
5	C/S: Digital output connector.
6	C/E: Digital input connector.
7	Equipment power connector.



DIMENSIONS



The measurements include the frame required for mounting on a 19" 3U rack.



AE2-4210 equipment frame.
Required for mounting on a 3U 19" rack.