

[1] **CONFORMITY BASED ON UNIT VERIFICATION**
[2] **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres**
Directive 2014/34/EU Annex IX, Module G

- [3] Unit Verification Certificate Number ACE26ATEX013X Rev00
- [4] Product and Serial Number PAINTING ROBOT IRB1600
sn R0320
- [5] Manufacturer Epistolio Srl
- [6] Address Via Scerei 4, 21020
Casciago (VA) ITALY
- [7] This equipment or protective system and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- [8] Advanced Consulting and Engineering Iberia SL (A.C.&E. Iberia S.L.), Notified body Accreditation nº: NB3024 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive
The examination and test results are recorded in confidential Report nº. EX_EXP003_26_26-619
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN IEC 60079-0:2018 Explosive atmospheres - Part 0: Equipment - General requirement
EN 60079-2:2014/AC:2015 Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure
- [10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Special Conditions for Use specified in the point 17 of This certificate.
- [11] This Unit Verification Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- [12] The marking of the equipment or protective system shall include the following:



II 3G Ex pzc IIB T3 Gc
III 3D Ex pzc IIIB T155°C Dc
Tamb= 0°C ;+45°C

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Date: 22/04/2026



Advanced Consulting and Engineering

Iberia SL

Notified Body No NB3024

Matteo Marconi, CEO

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[13] **SCHEDULE**

[14] Unit Verification Certificate No: ACE26ATEX013X Rev00

[15] Description of equipment

Pressurized Robot for painting processes. The manipulator can move guns weighing 20kg, although in our case the weight does not exceed 5kg. It can be installed on the floor or on the ceiling for maximum painting performance.

The robot consists of a metal structure containing brushless motors and transmission components, protected by pressurization:

Pressurization system:

Pepperl and Fuchs, model 7500-01-AA-STD-UNV-PNO

Marking:

II 3G Ex ec mc nC [pzc Gc] IIC T6...T4 Gc

II 3D Ex mc tc [pzc Dc] IIIC T60°C...T80°C Dc

Vent:

Pepperl and Fuchs, model EPV-7500-AA-01

Marking: II3GD

Certificate: DEMKO 18 ATEX 2025X

Limits for Use:

Maximum manipulator load capacity 6 kg

6 axes

Maximum speed 1 m/s

Axis speed considered when extended to 1,45 m

Axis 1 180 °/s

Axis 2 180 °/s

Axis 3 185 °/s

Axis 4 385 °/s

Axis 5 400 °/s

Axis 5 460 °/s

Ambient temperature +0 - +45°C RH 30-90%

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[13] **SCHEDULE**

[14] Unit Verification Certificate No: ACE26ATEX013X Rev00

[16] Test documents are listed in the test report nº
CE_T56005_26_26-620

[17] Special conditions for safe use
-Disconnect connectors only in a non-hazardous area
-Do not disconnect connectors under voltage

[18] Essential Health and Safety Requirements
Met by harmonized standard

[19] Documents and technical datasheets:

Title	Object	Revision	Date
"Fascicolo Tecnico Robot IRB1600 Atex"	Technical File	01	13/04/2026
"ATEX manual WINSIX-IRB"	ATEX Manual	3.1	04/2025
"Safety and maintenance manual IRB1600"	Safety and maintenance manual	1	04/2026

The above-mentioned documents are strictly confidential, and they are of only use by authorities.
A copy of the documents is saved by A.C.&E. Iberia S.L.

[20] Unit Verification Certificate History

Number of certificate	Rev.	Comments	Date
ACE26ATEX013X	00	First Issue	21/04/2026

Date: 22/04/2026



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