		V 3112

OIML Member State	OIML Certificate No.
Czech Republic	R85/2008-A-CZ1-24.01

OIML CERTIFICATE ISSUED UNDER SCHEME A

OIML Issuing Authority

Name: **Czech Metrology Institute**
Address: Okružní 31
638 00 Brno
Czech Republic

Person responsible: Jan Kalandra

Applicant

Name: **Assytech s.r.l.**
Address: Via Val d'Aosta, 169
23018 Talamona (SO)
Italy

Manufacturer

Name: **Assytech s.r.l.**
Address: Via Val d'Aosta, 169
23018 Talamona (SO)
Italy

Identification of the certified type *(the detailed characteristics will be defined in the additional pages)*

Magnetostrictive level gauge
type: AT11610; AT05410; AT05510

Designation of the module *(if applicable)*

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This OIML Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML type evaluation report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R 85, Edition: 2008

This OIML Certificate relates only to metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML Recommendation identified above.

This OIML Certificate does not bestow any form of legal international approval.

The conformity was established by the results of tests and examinations provided in the associated reports:

No. 6015-PT-P3021-12 that includes 29 pages, No. 6015-PT-P3022-12 that includes 29 pages, No. 6015-PT-P3023-16 that includes 2 pages and 6015-PT-P5004-18 that includes 2 pages.

The technical documentation relating to the identified type is contained in documentation file:

No. 0511-UL-V027-18 dated 19. September 2018.

OIML Certificate History

Revision No.	Date	Description of the modification
-	5 August 2024	Issuing of certificate

The OIML Issuing Authority
RNDr. Pavel Klenovský
Director of Certification Body

Date: 5 August 2024

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated OIML type evaluation report(s) is not permitted, although either may be reproduced in full.

Measuring system description

The level sensor AT11610 is done by a shaft in stainless steel (diameter 12 mm), by a head in stainless steel IP68, M12 connector and two floats in Stainless Steel.

The level sensor AT05410 is done by a shaft in stainless steel (diameter 12 mm), by a head in stainless steel IP68, M12 connector and two floats in Stainless Steel.

The level sensor AT05510 is done by a shaft and corrugated hose in stainless steel (diameter 12 mm), by a head in stainless steel IP68, M12 connector, two floats in Stainless Steel, weight and magnetic base at the lower end of the probe.

Characteristics

Probes	Type	AT11610
	Measuring principle	Magnetostrictive
	Probe's body material	Stainless steel
	Floats	Stainless steel
	Length	up to 6000 mm
	Accuracy	better than ± 1 mm
	Temperature	- 25 °C to + 55 °C
	Type	AT05410
	Measuring principle	Magnetostrictive
	Probe's body material	Stainless steel
	Floats	Stainless steel
	Length	up to 6000 mm
	Accuracy	better than ± 1 mm
	Temperature	- 25 °C to + 55 °C
	Type	AT05510
	Measuring principle	Magnetostrictive
	Probe's body material	Stainless steel
	Floats	Stainless steel
	Length	up to 22 500 mm
	Accuracy	better than ± 1 mm
	Temperature	- 25 °C to + 55 °C