

# DECLARATION OF CONFORMITY

APADevices PHX Board v2.0

Document No. APA-DOC-001 | Issue 1.0 | Date: April 2026

## 1. Manufacturer / Responsible Person

Field	Details
Name	Jaroslav Vazac
Trading as	APA Devices
Address	Vodnany, Czech Republic
Contact	github.com/apadevices

## 2. Product Identification

Field	Details
Product name	PHX Board v2.0
Model designation	PHX Board v2.0 — model 2026
Product description	Dual-channel pH and ORP/RX measurement module for professional integration into
Intended use	Component module for integration by professional manufacturers into pool automation
Operating voltage	10–15 V DC (nominal 12 V external) + 3.3 V or 5 V logic (P1)
PCB markings	APA Devices, model 2026, PHX Board v2.0, EXTERNAL_12V, pH (ADS-0x49), Rx (A

## 3. Declaration

I, the undersigned, hereby declare under my sole responsibility that the product identified above is designed and manufactured in accordance with the relevant provisions of the following European Union legislation and technical standards, as applicable to a component module not placed on the market as a standalone end-user product:

Legislation / Standard	Reference	Applicability
RoHS Directive	2011/65/EU + Amendment 2015/863/EU	All components used in PHX Board v2.0 are RoHS compliant. No restricted substances.
REACH Regulation	(EC) No 1907/2006	No substances of very high concern (SVHC) on the ECHA Candidate List.
EN IEC 61010-1	Ed. 3.1:2017 (measurement equipment safety)	PHX Board v2.0 is designed in accordance with the safety principles of this standard.
EN IEC 61326-1	Ed. 3:2021 (EMC for measurement equipment)	Referenced as design intent. EMC type testing has not been performed. T

## 4. Module Status and Integrator Responsibilities

PHX Board v2.0 is a **component module intended exclusively for professional integration** into equipment by qualified manufacturers. It is not a finished product and is not intended to be placed on the market for direct end-user use in standalone form.

The manufacturer of the final equipment incorporating PHX Board v2.0 assumes full responsibility for:

1. Ensuring the complete system complies with all applicable EU directives including the Low Voltage Directive (2014/35/EU) and EMC Directive (2014/30/EU) where applicable.
2. Affixing the CE marking to the finished product after completing the required conformity assessment procedure.
3. Providing end users with adequate safety information and installation instructions.
4. Ensuring the milled PCB isolation barriers on PHX Board v2.0 are not compromised during integration — these barriers maintain the 3000 V DC galvanic isolation.

## 5. Signature

Signed for and on behalf of APA Devices:

Place and date of issue:

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**Jaroslav Vazac**

Founder, APA Devices

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**Vodnany, Czech Republic — April 2026**

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*This declaration may become invalid if the product is modified without the authorisation of the manufacturer, or if it is used outside its intended purpose or operating conditions. This document is issued under the sole responsibility of the manufacturer named above. The integrating manufacturer must retain a copy of this declaration and make it available to market surveillance authorities upon request.*