

SIL DECLARATION OF CONFORMITY

Document number EN.DZ.LI.24.ALW.SIL.ID.REV2

Manufacturer: **APLISENS S.A.,
Morelowa 7 St., 03-192 Warsaw**

Declare with full responsibility that:

smart temperature transmitters
LI-24ALW Safety ID: 0027 0001 0001 XXXX XXXX XXXX XXXX XX¹⁾

¹⁾ X in the ID code is manufacturer's indication not related to the certificate

meets the requirements of standards:

PN-EN 61508:2010 Part 1÷7

PN-EN 61511-1:2017-07 + PN-EN 61511-1:2017-07/A1:2018-03

PN-EN 62061:2008 + PN-EN 62061:2008/A1:2013-06 + PN-EN 62061:2008/A2:2016-01

Configuration	λ_{total} FIT	λ_{NE} FIT	λ_{SD} FIT	λ_{SU} FIT	λ_{DD} FIT	λ_{DU} FIT	SFF %	DC %	MTBF
1 RTD 2p	745,402	251,035	38,550	11,643	417,752	26,422	94,655	94,051	1,342×10 ⁶ h 153 Yrs
1 RTD 3p	745,402	250,215	38,550	11,643	418,572	26,422	94,664	94,062	1,342×10 ⁶ h 153 Yrs
1 RTD 4p	745,402	249,395	38,550	11,643	419,392	26,422	94,673	94,073	1,342×10 ⁶ h 153 Yrs
2 RTD 2p	745,402	249,395	38,550	11,643	419,392	26,422	94,673	94,073	1,342×10 ⁶ h 153 Yrs
2 RTD 3p	745,402	247,755	38,550	11,643	421,032	26,422	94,691	94,095	1,342×10 ⁶ h 153 Yrs
1 TC no CJC	745,402	252,275	38,550	11,643	416,512	26,422	94,642	94,035	1,342×10 ⁶ h 153 Yrs
1 TC int CJC	745,402	249,915	38,550	11,643	418,662	26,632	94,625	94,019	1,342×10 ⁶ h 153 Yrs
1 TC ext CJC	745,402	249,395	38,550	11,643	419,392	26,422	94,673	94,073	1,342×10 ⁶ h 153 Yrs
2 TC no CJC	745,402	251,055	38,550	11,643	417,732	26,422	94,655	94,051	1,342×10 ⁶ h 153 Yrs
2 TC int CJC	745,402	248,695	38,550	11,643	419,882	26,632	94,638	94,036	1,342×10 ⁶ h 153 Yrs
2 TC ext CJC	745,402	248,175	38,550	11,643	420,612	26,422	94,686	94,089	1,342×10 ⁶ h 153 Yrs

HFT=0, Route I _H	SIL 2
HFT=1, Route I _H	SIL 3
Systematic Capability, Route I _S	SC 3 (SIL 3 Capable)
Subsystem	Type B

The products can be used in safety-related systems that meet the requirements up to and including SIL 3. SIL verification of a safety-related system is the responsibility of the system integrator.

Certificate No. 1023/CW/001 edit. 2 was issued by UDT-CERT, Office of Technical Inspection, Szczęśliwicka 34 St, 02-353 Warsaw 29.07.2025.

Warsaw, 27.03.2026



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Functional Safety Coordinator