SIL DECLARATION OF CONFORMITY

Document number EN.DZ.LI.24.ALW.SIL.ID.REV3

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

Declare with full responsibility that:

smart temperature transmitters
LI-24ALW Safety ID: 0080 0000 0000 XXXX XXXX XXXX XXXX XX[1)]

[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 IEC 62061:2021-12

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	1090,199	392,196	112,121	45,585	498,689	41,608	94,039	92,299	$9{,}12\times10^5$ h 104 Yrs
1 RTD 3p	1090,199	390,976	112,121	45,585	499,909	41,608	94,049	92,316	$9{,}12\times10^5$ h 104 Yrs
1 RTD 4p	1090,199	389,756	112,121	45,585	501,129	41,608	94,060	92,334	$9{,}12\times10^5$ h 104 Yrs
2 RTD 2p	1090,199	390,751	112,121	45,585	500,134	41,608	94,051	92,320	$9{,}12\times10^5$ h 104 Yrs
2 RTD 3p	1090,199	388,516	112,121	45,585	502,369	41,608	94,070	92,351	$9{,}12\times10^5$ h 104 Yrs
1 TC no CJC	1090,199	392,416	112,121	45,585	498,469	41,608	94,037	92,296	$9{,}12\times10^5$ h 104 Yrs
1 TC int CJC	1090,199	391,736	112,121	45,585	499,149	41,608	94,043	92,306	$9{,}12\times10^5$ h 104 Yrs
1 TC ext CJC	1090,199	392,266	112,121	45,585	498,619	41,608	94,038	92,298	$9{,}12\times10^5$ h 104 Yrs
2 TC no CJC	1090,199	391,616	112,121	45,585	499,269	41,608	94,044	92,307	$9{,}12\times10^5$ h 104 Yrs
2 TC int CJC	1090,199	391,146	112,121	45,585	499,844	41,608	94,049	92,315	$9{,}12\times10^5$ h 104 Yrs
2 TC ext CJC	1090,199	390,226	112,121	45,585	500,659	41,608	94,056	92,327	$9{,}12\times10^5$ h 104 Yrs

HFT=0, Route 1_H	SIL 2
HFT=1, Route 1_H	SIL 3
Systematic Capability, Route 1_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. 1101/CW/001 was issued by UDT-CERT, Office of Technical Inspection, Szczęśliwicka 34 St, 02-353 Warsaw 27.05.2026.

Warsaw, 02.07.2026

Dariusz Izdebski
Functional Safety Coordinator

Morelowa 7 St., 03-192 Warsaw
phone +48 22 814-07-77 fax +48 22 814-07-78
e-mail: export@aplisens.com
www.aplisens.com