SIL DECLARATION OF CONFORMITY

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

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

Declare with full responsibility that:

head-mounted smart temperature transmitters
LI-24G Safety ID: 0004 0006 0003 XXXX XXXX XXXX XXXX XX[1)]

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

meet 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	693,502	204,135	38,550	11,643	412,752	26,422	94,601	93,984	$1{,}442\times10^6$ h 164 Yrs
1 RTD 3p	693,502	203,315	38,550	11,643	413,572	26,422	94,610	93,995	$1{,}442\times10^6$ h 164 Yrs
1 RTD 4p	693,502	202,495	38,550	11,643	414,392	26,422	94,619	94,006	$1{,}442\times10^6$ h 164 Yrs
2 RTD 2p	693,502	202,495	38,550	11,643	414,392	26,422	94,619	94,006	$1{,}442\times10^6$ h 164 Yrs
2 RTD 3p	693,502	200,855	38,550	11,643	416,032	26,422	94,637	94,028	$1{,}442\times10^6$ h 164 Yrs
1 TC no CJC	693,502	205,375	38,550	11,643	411,512	26,422	94,587	93,967	$1{,}442\times10^6$ h 164 Yrs
1 TC int CJC	693,502	203,015	38,550	11,643	413,662	26,632	94,570	93,951	$1{,}442\times10^6$ h 164 Yrs
1 TC ext CJC	693,502	202,495	38,550	11,643	414,392	26,422	94,619	94,006	$1{,}442\times10^6$ h 164 Yrs
2 TC no CJC	693,502	204,155	38,550	11,643	412,732	26,422	94,601	93,983	$1{,}442\times10^6$ h 164 Yrs
2 TC int CJC	693,502	201,795	38,550	11,643	414,882	26,632	94,584	93,968	$1{,}442\times10^6$ h 164 Yrs
2 TC ext CJC	693,502	201,275	38,550	11,643	415,612	26,422	94,632	94,023	$1{,}442\times10^6$ h 164 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. 940/CW/001 edit. 2 was issued by UDT-CERT, Office of Technical Inspection, Szczęśliwicka 34 St., 02-353 Warsaw 29.07.2025.

Warsaw, 04.05.2026

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