SIL DECLARATION OF CONFORMITY

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

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

Declare with full responsibility that:

Rail-mounted smart temperature transmitters
LI-24L Safety ID: 0003 0005 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	721,502	219,665	38,550	11,643	425,222	26,422	94,735	94,150	$1{,}386\times10^6$ h 158 Yrs
1 RTD 3p	721,502	218,845	38,550	11,643	426,042	26,422	94,744	94,160	$1{,}386\times10^6$ h 158 Yrs
1 RTD 4p	721,502	218,025	38,550	11,643	426,862	26,422	94,752	94,171	$1{,}386\times10^6$ h 158 Yrs
2 RTD 2p	721,502	218,025	38,550	11,643	426,862	26,422	94,752	94,171	$1{,}386\times10^6$ h 158 Yrs
2 RTD 3p	721,502	216,385	38,550	11,643	428,502	26,422	94,769	94,192	$1{,}386\times10^6$ h 158 Yrs
1 TC no CJC	721,502	220,905	38,550	11,643	423,982	26,422	94,722	94,134	$1{,}386\times10^6$ h 158 Yrs
1 TC int CJC	721,502	218,545	38,550	11,643	426,132	26,632	94,705	94,118	$1{,}386\times10^6$ h 158 Yrs
1 TC ext CJC	721,502	218,025	38,550	11,643	426,862	26,422	94,752	94,171	$1{,}386\times10^6$ h 158 Yrs
2 TC no CJC	721,502	219,685	38,550	11,643	425,202	26,422	94,735	94,150	$1{,}386\times10^6$ h 158 Yrs
2 TC int CJC	721,502	217,325	38,550	11,643	427,352	26,632	94,718	94,134	$1{,}386\times10^6$ h 158 Yrs
2 TC ext CJC	721,502	216,805	38,550	11,643	428,082	26,422	94,765	94,187	$1{,}386\times10^6$ h 158 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

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