

## SIL DECLARATION OF CONFORMITY

Document number EN.DZ.LI.24.ALW.SIL.ID.REV1

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 XX<sup>1)</sup>**

<sup>1)</sup> 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	$\lambda_{total}$ FIT	$\lambda_{NE}$ FIT	$\lambda_{SD}$ FIT	$\lambda_{SU}$ FIT	$\lambda_{DD}$ FIT	$\lambda_{DU}$ 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 <sup>6</sup> 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 <sup>6</sup> 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 <sup>6</sup> 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 <sup>6</sup> 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 <sup>6</sup> 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 <sup>6</sup> 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 <sup>6</sup> 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 <sup>6</sup> 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 <sup>6</sup> 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 <sup>6</sup> 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 <sup>6</sup> h 153 Yrs

HFT=0, Route 1 <sub>H</sub>	SIL 2
HFT=1, Route 1 <sub>H</sub>	SIL 3
Systematic Capability, Route 1 <sub>S</sub>	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 was issued by UDT-CERT, Office of Technical Inspection, Szczęśliwicka 34 St, 02-353 Warsaw 12.07.2021.

Warsaw, 19.07.2021

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