

## EC DECLARATION OF CONFORMITY

We

**NIK-ELEKTRONIKA LLC**  
**13-A Marshala Tymoshenko Str., of.606,**  
**Kyiv, 04212**  
**Ukraine**

*declare under our sole responsibility that the product listed below:*

Type, Model: **Single Phase Electricity Meter, NIK 2100**

approved by the Notified Body 1781 Slovak Institute of Metrology *in accordance with Directive 2014/32/EU Annex B*

	Technical and metrological data
<b>Accuracy Class for active energy</b>	B
<b>Rated voltage</b>	220 V, 230 V or 240 V (depending on meter configuration)
<b>Operating voltage range</b>	from 143 to 300 V
<b>Rated current intensity</b>	5 A
<b>Maximum current intensity</b>	40, 50, 60, 80 A (depending on meter configuration)
<b>Rated frequency</b>	50 Hz
<b>Meter constant</b>	6400 imp/(kW·h)
<b>Protection level</b>	IP54
<b>Sensitivity</b>	12.5 mA
<b>Operating temperature range</b>	from -40°C to +70°C
<b>Weight</b>	Max. 1.0 kg
<b>Possibility to install the interface modules</b>	Optical port, ZigBee or RS-485

*to which this declaration relates, is in conformity with the essential requirements of:*

**Directive 2014/32/EU and**

Standards: **EN 50470-1, EN 50470-3**

*The quality system for production, final production inspection and testing of the single phase electricity meters (NIK 2100) was approved by the Notified Body 1781 SMU in accordance with Directive 2014/32/EU Annex D*

Document No.: **SK 19-QD-SMU007**

MID-Verification and final product inspection and testing of electricity meters:

19 Sheludenska Str., Kyiv region, Vyshgorod, 07300, Ukraine

and

34, Stroiteley Str., Dnepropetrovsk, 49055, Ukraine

Date " 20 " January 2019



Oleksandr Morozov



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We **NIK-ELEKTRONIKA LLC**  
**13-A Marshala Tymoshenko Str., of.606, Kyiv, 04212**  
**Ukraine**

declare under our sole responsibility that the product listed below:  
 Type, Model: **Three Phase Electricity Meter, NIK 2300**

approved by the Notified Body 1781 Slovak Institute of Metrology *in accordance with Directive 2014/32/EU Annex B*

	Technical and metrological data
Accuracy Class for active energy	B
Accuracy Class for reactive energy	2.0
Rated voltage	3×220/380 V, 3×230/400 V, 3×240/415 V or 3×100/173 V (depending on meter configuration)
Permissible mains voltage deviation	from -20% to +15%
Rated current intensity	5 A
Maximum current intensity	10, 60, 80, 100, 120 A (depending on meter configuration)
Rated frequency	50 or 60 Hz
Meter constant	8000 imp/(kW·h)
Protection level	IP54
Sensitivity for active energy measurement for direct connection	12.5 mA
for combined and transformer connection	10 mA
Sensitivity for reactive energy for direct connection	15.6 mA
for combined and transformer connection	9.3 mA
Operating temperature range	from -40°C to +70°C
Weight	Max. 2.3 kg
Possibility to install the interface modules	Optical port, ZigBee, RS-485, RS-232

to which this declaration relates, is in conformity with the essential requirements of:  
**Directive 2014/32/EU and Standards: EN 50470-1, EN 50470-3, EN 62053-23**

The quality system for production, final production inspection and testing of the three phase electricity meters (NIK 2300) was approved by the Notified Body 1781 SMU in accordance with **Directive 2014/32/EU Annex D**

Document No.: **SK 19-QD-SMU007**

MID-Verification and final product inspection and testing of electricity meters:  
 19 Sheludenska Str., Kyiv region, Vyshgorod, 07300, Ukraine  
 and  
 34, Stroiteley Str., Dnepropetrovsk, 49055, Ukraine

Date " 20 " January 2019



Oleksandr Morozov



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**13-A Marshala Tymoshenko Str., of.606, Kyiv, 04212**  
**Ukraine**

declare under our sole responsibility that the product listed below:  
Type, Model: **Three Phase Electricity Meter, NIK 2303**

Consistent with the type described in the certificate  
No.: **SK 15-MI003-SMU015** – issued 18 December 2015 and valid until 17 December 2025;

(approved by the Notified Body 1781 Slovak Institute of Metrology in accordance with Directive 2014/32/EU Annex B)

	Technical and metrological data
Accuracy Class for active energy	B
Accuracy Class for reactive energy	2.0
Rated voltage	3×220/380 V, 3×230/400 V, 3×240/415 V or 3×100/173 V (depending on meter configuration)
Permissible mains voltage deviation	from -20% to +15%
Rated current intensity	5 A
Maximum current intensity	10, 60, 80, 100, 120 A (depending on meter configuration)
Rated frequency	50 or 60 Hz
Meter constant	8000 imp/(kW·h)
Protection level	IP54
Sensitivity for active energy measurement for direct connection	12.5 mA
for combined and transformer connection	10 mA
Sensitivity for reactive energy for direct connection	15.6 mA
for combined and transformer connection	9.3 mA
Operating temperature range	from -40°C to +70°C
Weight	Max. 2.3 kg
Possibility to install the interface modules	Optical port, ZigBee, RS-485, RS-232, PLC, current loop, GSM/GPRS, Ethernet

to which this declaration relates, is in conformity with the essential requirements of:  
**Directive 2014/32/EU and Standards: EN 50470-1, EN 50470-3, EN 62053-23**

The quality system for production, final production inspection and testing of the three phase electricity meters (NIK 2303) was approved by the Notified Body 1781 SMU in accordance with Directive 2014/32/EU Annex D  
Document No.: **SK 19-QD-SMU007**

MID-Verification and final product inspection and testing of electricity meters:  
19 Sheludenska Str., Kyiv region, Vyshgorod, 07300, Ukraine  
and  
34, Stroiteley Str., Dnepropetrovsk, 49055, Ukraine

Date " 20 " January 2019



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