

## *EU Declaration of Conformity*

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<i>Product:</i>	<b>AC Powered Inductive Proximity Sensors</b>	
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<i>Name and address of the manufacturer:</i>	<i>Name and address of the authorised representative:</i>	
<b>Rockwell Automation Inc.</b>	<b>Rockwell Automation NV</b>	
<b>1201 South 2nd Street</b>	<b>Pegasus Park</b>	
<b>Milwaukee, WI 53204</b>	<b>De Kleetlaan 12A</b>	
<b>U.S.A.</b>	<b>1831 Diegem</b>	
	<b>Belgium</b>	

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*This declaration of conformity is issued under the sole responsibility of the manufacturer.*

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<i>Object of the declaration:</i>	<b>Allen-Bradley 871C-A Series</b>	
	<i>(reference the attached list of catalogue numbers)</i>	

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*The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:*

2014/30/EU	<i>EMC Directive</i>	<i>(EMC)</i>
2014/35/EU	<i>Low Voltage Directive</i>	<i>(LVD)</i>
2011/65/EU	<i>RoHS Directive</i>	<i>(RoHS)</i>

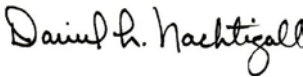
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*References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:*

<i>EN 60947-5-2:2007 + A1:2012</i>	<i>Low voltage switchgear and controlgear – Part 5-2: Control circuit devices and switching elements – Proximity switches</i>	
<i>EN 63000:2018</i>	<i>Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances</i>	

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*Signed for and on behalf of the above named manufacturer:*

<i>Place and date of issue:</i>	<i>Milwaukee, WI USA</i>	<i>23-Sep-2021</i>
<i>Name, function:</i>	<i>Daniel L. Nachtigall, Technical Leader – Product Compliance Engineering</i>	
<i>Signature:</i>		

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<i>Catalogue number</i>	<i>Series <sup>1</sup></i>	<i>Description</i>
871C-xxxx-x		<i>Inductive proximity sensor with brass or stainless-steel barrel per Nomenclature</i>

1) Products of the series level indicated, as well as succeeding series levels, are certified. If no series letter or number is given, then all series are certified.

## **NOMENCLATURE:**

### **871C Series Sensors with Plastic Face / Nickel-Plated Brass or Stainless-Steel Barrel**

<b>871C</b>	<b>-</b>	<b>A</b>	<b>5</b>	<b>N</b>	<b>18</b>	<b>-</b>	<b>N3</b>
1		2	3	4	5		6

1	Designates Product Type 871C – Inductive proximity sensor, cylindrical
2	Sensor Type A – Threaded barrel
3	Designates Nominal Sensing Distance 2 – 2mm 5 – 5mm 10 – 10mm
4	Designates Output Configuration C – N.C. N – N.O.
5	Designates Sensor Barrel Diameter 12 – 12mm 18 – 18mm 30 – 30mm
6	Designates Termination Type A* – 2 wire cable N* – Mini QD connector R* – Micro QD connector * Note - All designations are followed by a number for cable length ( in meters) or number of connector pins