

## *EU Declaration of Conformity*

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<i>Product:</i>	<b>Extended Range Inductive Proximity Sensors</b>	
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<i>Name and address of the manufacturer:</i>	<b>Rockwell Automation Inc.</b> <b>1201 South 2nd Street</b> <b>Milwaukee, WI 53204</b> <b>U.S.A.</b>	<i>Name and address of the authorised representative:</i>	<b>Rockwell Automation NV</b> <b>Pegasus Park</b> <b>De Kleetlaan 12A</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 871TM-M and 871TM-N 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:*

2014/35/EU	Low Voltage Directive	(LVD)
2011/65/EU	RoHS Directive	(RoHS)

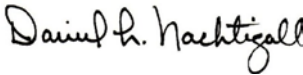
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*References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:*

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

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

<i>Place and date of issue:</i>	Milwaukee, WI USA	27-Sep-2021
<i>Name, function:</i>	Daniel L. Nachtigall, Technical Leader – Product Compliance Engineering	
<i>Signature:</i>		

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<i>Catalogue number</i>	<i>Series <sup>1</sup></i>	<i>Description</i>
871TM-Mxxxxx		<i>Extended range, 3-wire DC inductive proximity switches per Nomenclature</i>
871TM-Nxxxxx		<i>Extended range, 3-wire DC inductive proximity switches per Nomenclature</i>
871TM-MWxxxxx		<i>Extended range, 3-wire DC weld field immune inductive proximity switches 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:**

<b>871TM</b>	<b>-</b>	<b>N</b>	<b>6</b>	<b>NN</b>	<b>12</b>	<b>-</b>	<b>A2</b>
1		2	3	4	5		6

1	Designates Product Type 871TM – Extended range inductive proximity sensor, cylindrical stainless-steel barrel and sensing face
2	Voltage Type M – 3-wire DC shielded N – 3-wire DC unshielded MW – 3-wire DC shielded; weld field immune
3	Designates Nominal Sensing Distance 3 – 3 mm 6 – 6 mm 10 – 10 mm 20 – 20 mm 40 – 40 mm
4	Designates Output Type C – N.C. output CN – N.C., NPN sink CP – N.C., PNP source N – N.O. output NN – N.O., NPN sink NP – N.O., PNP source
5	Designates Sensor Diameter 8 – 8 mm 12 – 12 mm 18 – 18 mm 30 – 30 mm
6	Designates Termination Type A* – Cable (12-, 18-, and 30-mm diameter sensors) J* – Cable (8 mm diameter sensors) D* – Micro QD connector P* – Pico QD connector * Note - All designations are followed by a number for cable length (in meters) or number of connector pins