

EU Declaration of Conformity

<i>Product:</i>	DC Powered Inductive Analog Proximity Sensors	
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<i>Name and address of the manufacturer:</i>	Rockwell Automation Inc. 1201 South 2nd Street Milwaukee, WI 53204 U.S.A.	<i>Name and address of the authorised representative:</i>	Rockwell Automation NV Pegasus Park De Kleetlaan 12A 1831 Diegem Belgium
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This declaration of conformity is issued under the sole responsibility of the manufacturer.

<i>Object of the declaration:</i>	Allen-Bradley 871C-D Series <i>(reference the attached list of catalogue numbers)</i>		
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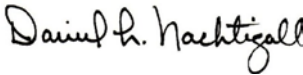
The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

2014/30/EU	EMC Directive	(EMC)
2011/65/EU	RoHS Directive	(RoHS)

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	

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>		

<i>Catalogue number</i>	<i>Series ¹</i>	<i>Description</i>
871C-xxxxx		<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

871C	-	D	10	AP	8	-	E2
1		2	3	4	5		6

1	Designates Product Type 871C – Inductive proximity sensor, cylindrical
2	Sensor Type D – Threaded barrel DE – Extended sensing range, threaded barrel DH – Short, threaded barrel DT – Extended temperature range, threaded barrel
3	Designates Nominal Sensing Distance 1 – 0.6...1.5mm 8 – 8mm 2 – 2mm 9 – 9mm 3 – 3mm 10 – 10mm 4 – 4mm 14 – 14mm 5 – 5mm 15 – 15mm
4	Designates Output Configuration AP – Analogue output BP – Complementary output w/N.C. and N.O. outputs M – NAMUR (DIN 19 234) NP – N.O., PNP source
5	Designates Sensor Barrel Diameter 8 – 8mm 12 – 12mm 18 – 18mm 30 – 30mm
6	Designates Termination Type A* – 2 wire cable D* – Micro QD connector E* – 3 wire cable U* – 3 wire cable (extended temperature sensors only) * Note - All designations are followed by a number for cable length (in meters) or number of connector pins