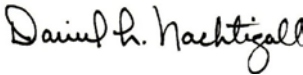


EU Declaration of Conformity

Product:		<i>Inductive Proximity Switches</i>
Name and address of the manufacturer:		Name and address of the authorised representative:
Rockwell Automation Inc.		Rockwell Automation NV
1201 South 2nd Street		Pegasus Park
Milwaukee, WI 53204		De Kleetlaan 12A
U.S.A.		1831 Diegem
		Belgium
<i>This declaration of conformity is issued under the sole responsibility of the manufacturer.</i>		
Object of the declaration:		<i>Allen-Bradley 872C Series</i>
		<i>(reference the attached list of catalogue numbers)</i>
<i>The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:</i>		
2014/30/EU	EMC Directive	(EMC)
2011/65/EU	RoHS Directive	(RoHS)
<i>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	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	
<i>Signed for and on behalf of the above named manufacturer:</i>		
Place and date of issue:	Milwaukee, WI USA	28-Sep-2021
Name, function:	Daniel L. Nachtigall, Technical Leader – Product Compliance Engineering	
Signature:		

<i>Catalogue number</i>	<i>Series ¹</i>	<i>Description</i>
872C-xxxxxx-x	<i>E</i>	<i>“WorldProx” DC inductive proximity sensors per Nomenclature</i>
872C-DX32	<i>E</i>	<i>Same as 872C-DH4NN12-D4 except with 300 mA output</i>
872C-DX33-D4	<i>E</i>	<i>Same as 872C-D5NP18-D4 with 3 mm sensing distance</i>
872C-DX34-D4	<i>E</i>	<i>Same as 872C-D3NP12-D4 with 2 mm sensing distance</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:

872C	-	D	H	10	N	P	30	-	E10
1		2	3	4	5	6	7		8

1	Designates Product Type 872C – “WorldProx” inductive proximity sensor, cylindrical nickel-plated brass barrel, plastic sensing face
2	Designates Voltage type D – DC standard range M – DC extended range (shielded) N – DC extended range (unshielded)
3	Designates Barrel Type H – Short barrel Blank – Standard barrel
4	Designates Nominal Sensing Distance 2 – 2 mm 10 – 10 mm 3 – 3 mm 12 – 12 mm 4 – 4 mm 15 – 15 mm 5 – 5 mm 20 – 20 mm 8 – 8 mm
5	Designates Output Configuration B – N.O. and N.C. (complementary 4-wire) C – NC (3-wire) N – NO (3-wire)
6	Designates Output Type N – NPN, sink P – PNP, source
7	Designates Sensor Barrel Diameter 8 – 8mm 12 – 12 mm 18 – 18 mm 30 – 30 mm
8	Designates Termination Type D* – Micro QD connector E* – PVC cable J* – PUR cable P* – Pico QD connector FD* – Pigtail F* – Custom cable w/4-pin Micro QD connector FX* – Custom connector LU – Custom cable w/custom connector * Note – All designations are followed by a number for cable length (in meters) or number of connector pins.