EU Declaration of Conformity

Product:	***SensaGuard RFID Non-Contact Safety Switches***

Name and address of the manufacturer:	*Name and address of the authorised representative:*
Rockwell Automation Inc.	***Rockwell Automation B.V.***
1201 South 2nd Street	***Rivium Promenade 160***
Milwaukee, WI 53204	***2909 LM Capelle aan den Ijssel***
U.S.A.	***The Netherlands***

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

Object of the declaration:	***Allen-Bradley / Guardmaster 440N-Z21 Series***
	(reference the attached list of catalogue numbers)

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

2006/42/EC	*Machinery Directive*	*(MD)*
2014/53/EU	*Radio Equipment Directive*	*(RED)*
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 60947-5-3:2013	*Low voltage switchgear and controlgear – Part 5-3: Control circuit devices and switching elements – Requirements for proximity devices with defined behaviour under fault conditions (PDDB)*
EN ISO 14119:2013	*Safety of machinery – Interlocking devices associated with guards – Principles for design and selection*
EN 62061:2005 + A1:2013 + A2:2015	*Safety of machinery – Functional safety of safety-related electrical, electronic and programmable electronic control systems*
IEC 61508-Parts 1-7:2010	*Functional safety of electrical/electronic/programmable electronic safety-related systems*
EN ISO 13849-1:2015	*Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design*
EN 300 330 V2.1.1	*Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU*
EN 301 489-1 V1.9.2	*Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements*
EN 50581:2012	*Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances*

Notified Body:	*TÜV Rheinland Industrie Service GmbH, Berlin, Germany (NB 0035)*
performed:	*EC Type Examination (Machinery Directive)*
and issued the certificate(s):	*Certificate Nos. 01/205/5550.00/16 and 205/5570.00/17 (NB 0035)*

<u>*Additional information:*</u>

Person authorised to compile the technical file (MD):	*Authorised representative (see details above).*
Product Safety Function (MD):	*Suitable for safety-related machine guarding applications up to SIL 3 (EN/IEC 61508), SIL CL3 (EN/IEC 62061) and Cat 4, PLe (EN ISO 13849-1).*

Signed for and on behalf of the above named manufacturer:

Place and date of issue:	*Milwaukee, WI USA*	*14-Jul-2020*
Name, function:	*Daniel L. Nachtigall, Technical Leader – Product Compliance Engineering*	
Signature:		

Catalogue number	Series [1]	Description
440N-Z21xxxx-x	A, B	SensaGuard RFID non-contact safety switches per Nomenclature

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

NOMENCLATURE:

440N-Z21	S	S2	A	N9	-	FF
1	2	3	4	5		6

1	Designates Product Type 440N-Z21 – SensaGuard RFID non-contact safety switches w/2 safety outputs and 1 auxiliary output
2	Designates Actuator Coding Type S – Standard coding X – Standard coding, ships without actuator U – Unique coding XU – Unique coding, ships without actuator
3	Designates Switch Type 16 – 18 mm plastic barrel w/18 mm actuator 26 – 18 mm plastic barrel w/30 mm actuator 17 – 18 mm stainless steel barrel w/18 mm actuator S2 – Plastic rectangular case w/rectangular actuator S3P – Plastic rectangular case w/integrated latch and adjustable magnetic hold
4	Designates Connection Type A – 3 m cable B – 10 m cable E – 20 m cable H – Integral pigtail w/M12, 8-pin quick connect J* – M12, 5-pin quick connect * Not applicable for "S3P" switch type
5	Designates Margin Indication and Magnetic Hold Options Blank – Standard unit N* – Margin indication N9* – Margin indication and magnetic hold * "S2" switch type only
6	Designates Switch Options Blank – Standard unit AS* – Reduced sensing distance CU* – Copper shield FF* – Metal mounting washers included PUR – PUR cable Type C** – Unique code learned prior to shipping * "S2" sensor type only ** "U" or "XU" coding type only