

EC Declaration of Conformity

The undersigned, representing the manufacturer

Rockwell Automation, Inc.
2 Executive Drive
Chelmsford, MA 01824
USA

and the authorised representative established within the
Community

Rockwell Automation BV
Rivium 1e Straat, 23
2909 LE Capelle aan den IJssel
Netherlands

Herewith declare that the Products: **SensaGuard Standard Coding RFID Non-Contact Safety Switches**

Product identification (brand and catalogue number/part number): **Allen-Bradley / Guardmaster 440N-Z21S Series**
(reference the attached list of catalogue numbers)

Product Safety Function: **440N-Z21S Series RFIF safety switches are active electromagnetic protection proximity devices with sensing distances up to 25 mm. These proximity devices are suitable for safety-related applications up to SIL 3 (EN 61508) PLe (EN ISO 13849-1) and Category 4 (EN 954-1).**

are in conformity with the essential requirements of the following EC Directive(s) when installed in accordance with the installation instructions contained in the product documentation:

2004/108/EC	EMC Directive
2006/42/EC	Machinery Directive

and that the standards and/or technical specifications referenced below have been applied:

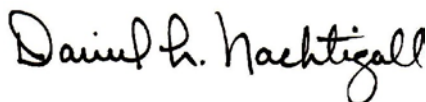
EN 60947-1:2007	Low-voltage switchgear and controlgear – Part 1: General rules
EN 60947-5-2:2007	Low voltage switchgear and controlgear – Part 5-2: Control circuit devices and switching elements – Proximity switches
EN 60947-5-3:1999 +A1:2005	Low voltage switchgear and controlgear – Part 5-3: Control circuit devices and switching elements – Requirements for proximity devices with defined behaviour under fault conditions (PDF)
EN 60204-1:2006	Safety of machinery – Electrical equipment of machines – General requirements
IEC 61508:1998-2001	Functional safety of electrical/electronic/programmable electronic safety-related systems
EN ISO 13849-1:2008 / AC:2009	Safety of machinery – Safety related parts of control systems – Part 1: General principles for design

Conformance of a type sample belonging to the above mentioned product family with the regulations from the EC Machinery Directive has been certified by:

TÜV Rheinland Industrie Service GmbH Automation, Software and Information Technology (ASI) 51105 Köln, Germany	EC Type Examination Certificate No. 968/EZ 461-10
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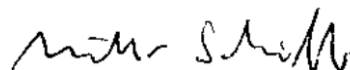
Manufacturer:

Authorised Representative in the Community:



Signature

Name: Daniel L. Nachtigall
Position: Supv – Product Certification Engineering
Date: 12-Nov-2010



Signature

Name: Viktor Schiffer
Position: Engineering Manager
Date: 15-Nov-2010

<i>Catalogue number</i>	<i>Series¹</i>	<i>Description</i>
440N-Z21Sxxx		<i>SensaGuard standard coding RFID non-contact safety sensor per Nomenclature</i>
Accessories		
889D-F8AB-*		<i>Cordset for use with sensors with Micro (M12) connector</i>
889D-F8ABDM-*		<i>Patchcord for use with sensors with Micro (M12) connector</i>
440N-Z18PT		<i>18 mm plastic latch actuator – standard coding</i>
440N-Z30PT		<i>30 mm plastic latch actuator – standard coding</i>
440N-Z18SST		<i>18 mm stainless steel latch actuator – standard coding</i>
440N-ZPREC		<i>Rectangular plastic latch actuator – standard coding</i>
440N-ZPRECM		<i>Rectangular plastic latch actuator – standard coding + magnetic hold</i>
440N-ZLPREC		<i>Integrated rectangular plastic latch actuator – standard coding</i>

1) If no series number is given, then all series are covered

NOMENCLATURE:

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

1	Designates Product Type 440N-Z21 – SensaGuard RFID non-contact safety sensor w/2-safety outputs and 1 auxiliary output
2	Designates Actuator Coding Type S – Standard
3	Designates Sensor Type 16 – 18 mm plastic barrel w/18 mm actuator 26 – 18 mm plastic barrel w/30 mm actuator 17 – 17 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 H – Integral pigtail w/8-pin Micro (M12) connector
5	Designates Margin Indication and Magnetic Hold Options (For 440N-Z21*S2 sensors only) N – Margin indication N9 – Margin indication and magnetic hold