

EC Type-Examination Certificate



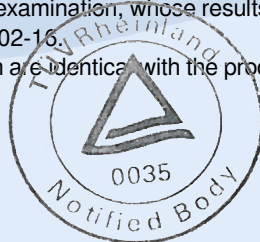
Reg.-No.: 01/205/5477.02/23

Product tested	MC 1 and MC 2 series magnetically coded proximity sensors	Certificate holder	Rockwell Automation, Inc. 1201 South Second Street Milwaukee, WI 53204 USA
Type designation	440N Z2xxxxx MC 1 and MC 2 sensors in combination with various control units as listed in the attached Revision List		
Codes and standards	EN 60947-5-3:2013 EN IEC 60947-5-2:2020 + A11:2022, clause 9.4 EN ISO 14119:2013	EN ISO 13849-1:2015 EN IEC 62061:2021, clause 7.4.3.2	
Intended application	The safety switches can be classified as type 4 devices according to EN ISO 14119. In combination with suitable control units the MC 1 and MC 2 proximity sensors can be used as a PDDb in accordance with EN 60947-5-3 in safety applications up to Cat. 4, PL e according to EN ISO 13849-1 and SIL 3 in accordance with EN IEC 62061.		
Specific requirements	If the products are used in safety related applications with infrequently opened guards, then the safety function shall be checked for hidden faults at least once per year for SIL 2 / PL d and at least once per month for SIL 3 / PL e. The provisions described in the user documentation shall be considered for the application.		

It is confirmed, that the products under test complies with the requirements for machines defined in Annex I of the EC Directive 2006/42/EC.

Valid until 2028-02-27

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1140.06/23 dated 2023-02-15.
This certificate is valid only for products which are identical with the product tested.



Köln, 2023-02-27

Notified Body for Machinery, NB 0035

Jelena Stenzel
Dipl.-Ing. Jelena Stenzel



Revision List

referred to on Certificate No.: 01/205/5477.02/23 and
01/205U/5477.01/23



**Certified Product: 440N Z2xxxxx MC 1 and MC 2 sensors
in combination with various control units**

Safety related modules / components

Type designation of the proximity sensor		Type designation of the control units	Safety classification, for use up to		Report-No.:	Certification status
			EN ISO 13849-1	EN IEC 62061		
MC 1 series	440N Z2NRS1A 440N Z2NRS1B 440N Z2NRS1C	MSR126, MSR127, MSR131, MSR142, GSR CI, GSR DI, GSR SI, GSR DIS, CR 30	Cat. 4 / PLe	SIL 3	968/FSP 1140.06/23	<i>Valid</i>
MC 2 series	440N-Z21W1PA, 440N-Z21W1PB 440N-Z21W1PH	MSR124, MSR126, MSR127, MSR131, MSR138 (immediate acting contacts), MSR142, MSR178DP, MSR300 Series, GSR CI, GSR DI, GSR SI, GSR DIS, CR 30	Cat. 4 / PLe	SIL 3	968/FSP 1140.06/23	<i>Valid</i>
		MSR138 (delayed acting contacts)	Cat. 3 / PLd	SIL 2	968/FSP 1140.06/23	<i>Valid</i>

The content of this Revision List has been agreed between Manufacturer and Certification Body.

Revision:

Date	Rev.	Description / Changes	Author
2016-01-08	1.0	Initial creation, based on Report-No.: 968/FSP 1140.01/16	jz/A-FS
2018-01-22	1.1	Updated Type designation of the control units	jz/A-FS
2021-10-08	2.0	Certificate Renewal, based on Report-No.: 968/FSP 1140.04/21	jz/A-FS
2023-02-16	3.0	Certificate Renewal, based on Report-No.: 968/FSP 1140.06/23	Jl/A-FS

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