EU Declaration of Conformity

Product:	***Safety Light Curtain***

Name and address of the manufacturer:	*Name and address of the authorised representative:*
Rockwell Automation Inc. ***1201 South 2nd Street*** ***Milwaukee, WI 53204*** ***U.S.A.***	***Rockwell Automation NV*** ***Pegasus Park*** ***De Kleetlaan 12A*** ***1831 Diegem*** ***Belgium***

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

Object of the declaration:	***Allen Bradley GuardShield 440L Series*** *(reference the attached list of catalogue numbers)*

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

2014/30/EU	*EMC Directive*	*(EMC)*
2006/42/EC	*Machinery Directive*	*(MD)*
2011/65/EU (incorporating 2015/863)	*RoHS Directive*	*(RoHS)*

References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:

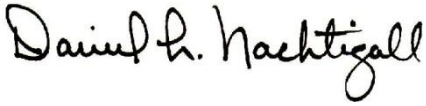
EN 61496-1:2020	*Safety of machinery – Electro-sensitive protective equipment – Part 1: General requirements and tests*
EN 61496-2:2020	*Safety of machinery – Electro-sensitive protective equipment – Part 2: Particular requirements for equipment using active opto-electronic protective devices (AOPD's)*
EN ISO 13849-1:2015	*Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design*
EN 61508 Parts 1-7:2010	*Functional safety of electrical/electronic/ programmable electronic safety-related systems*
EN 55011:2016 + A1:2017 + A11:2020	*Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics – Limits and methods of measurement*
EN 60825-1:2014 + A11:2021	*Safety of laser products – Part 1: Equipment classification and requirements*
EN 62471:2008	*Photobiological safety of lamps and lamp systems*
EN IEC 63000:2018	*Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances*

Notified Body:	*TÜV NORD CERT GmbH, 45307 Essen, Germany (NB 0044)*
performed:	*EC Type Examination*
and issued the certificate(s):	*44 205 13706201*

<u>Additional information:</u>

Person authorised to compile the technical file (MD):	*Authorised representative (see details above).*
Product Safety Function (MD):	*Active optoelectronic protection devices (AOPD's). Type 2 devices suitable for applications up to SIL1/SIL CL1 (EN 61508/EN 62061) and Cat 2, PLc (EN ISO 13849-1). Type 4 devices suitable for applications up to SIL3/SIL CL3 (EN 61508/EN 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*	*11-Mar-2024*
Name, function:	*Daniel L. Nachtigall, Technical Leader – Product Compliance Engineering*	
Signature:		

Catalogue number	*Series* [1]	*Description*
440L-*2*****		*GuardShield Type 2 light curtains per Nomenclature*
440L-*4*****		*GuardShield Type 4 light curtains per Nomenclature*

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:

440L	-	P	2	K	D	1760	Y	D
1		2	3	4	5	6	7	8

1	Designates Product Type 440L-GuardShield safety light curtains
2	Light Curtain Type P – Transmitter/Receiver pair R – Receiver T – Transmitter
3	Optoelectronic Safety Type 2 – Type 2
4	Resolution K – 30mm
5	Electronic Unit Type A – Guard Only mode D – Manual restart interlock with EDM
6	Protective Height A four-digit number between 0160 and 1760 denotes protective height in mm
7	Environmental Rating Y – IP65
8	Connection Options D – Micro quick disconnect connector

440L	-	P	4	A	L	3400	Y	D
1		2	3	4	5	6	7	8

1	Designates Product Type 440L-GuardShield safety light curtains
2	Light Curtain Type P – Transmitter/Receiver pair R – Receiver T – Transmitter S – Remote teach system C – Cascaded sensor pair F – Cascaded receiver G – Cascaded transmitter
3	Optoelectronic Safety Type 4 – Type 4
4	Resolution J – 14mm K – 30mm A – Perimeter access control
5	Electronic Unit Type L – Laser Blank - Standard
6	Protective Height or Number of Beams/Beam Gap A four-digit number between 0160 and 1760 denotes protective height in mm 2500 – Two beams, 500mm beam gap 3400 – Three beams, 400mm beam gap
7	Environmental Rating Y – IP65
8	Connection Options A – 5 pin, M12 quick disconnect connector D – Micro quick disconnect connector R – Pigtail w/Y-connector cable