

EC Declaration of Conformity

The undersigned, representing the manufacturer

Rockwell Automation, Inc.
2 Executive Drive
Chelmsford, MA 01824
U.S.A.

and the authorised representative established within the
Community

Rockwell Automation BV
Rivium Promenade 160
2909 LM Capelle aan den IJssel
The Netherlands

Herewith declare that the Products: **GuardShield™ Type 2 Safety Light Curtains**

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

Product Safety Function: **440L Series Type 2 safety light curtains are active optoelectronic protection devices (AOPD's) with a resolution of 30mm. These safety light curtains are suitable for applications up to Safety Category 2 and PLd (EN ISO 13849-1) and SIL2/SILCL2 (EN 61508/EN 62061).**

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 55022:2006 + A1:2007 Information technology equipment – Radio disturbance characteristics – Limits and methods of measurement

EN 61496-1:2004 + A1:2008 Safety of machinery – Electro-sensitive protective equipment – Part 1: General requirements and tests

CLC/TS 61496-2:2006
IEC 61496-2:2006 Safety of machinery – Electro-sensitive protective equipment – Part 2: Particular requirements for equipment using active opto-electronic protective devices (AOPDs)

EN 61508-1:2010 Functional safety of electrical/electronic/programmable electronic safety-related systems – Part 1: General requirements

EN 62061:2005 Safety of machinery – Functional safety of safety-related electrical, electronic and programmable control systems

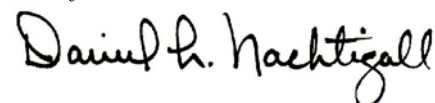
EN ISO 13849-1:2008 / AC:2009 Safety of machinery – Safety related parts of control systems – Part 1: General principles for design

The authorised representative is authorised to compile the Technical File.

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

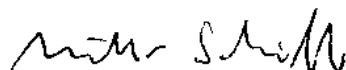
TÜV NORD CERT GmbH EC Type Examination Certificate No.
Langemarckstr. 20, 44 205 10 383326 001
D-45141 Essen, Germany
ID-No.: 0044

Manufacturer:



Signature
Name: Daniel L. Nachtigall
Position: Technical Leader - Certification Engineering
Date: 27-Sep-2011
Place: Milwaukee, WI, USA

Authorised Representative in the Community:



Signature
Name: Viktor Schiffer
Position: Engineering Manager
Date: 20-Oct-2011
Place: Haan, Germany

<i>Catalogue number</i>	<i>Series¹</i>	<i>Description</i>
440L-*2*****		GuardShield Type2 light curtains per Nomenclature

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

MODEL NOMENCLATURE:

440L	-	P	2	J	L	1600	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	Beam Resolution K – 30mm
5	Electronic Unit Type A – Guard Only mode D – Manual restart interlock with EDM
6	Protection Height or Number of Beams and Beam Gap 0160 – 160mm height 1120 – 1120mm height 0320 – 320mm height 1280 – 1280mm height 0480 – 480mm height 1440 – 1440mm height 0640 – 640mm height 1600 – 1600mm height 0800 – 800mm height 1760 – 1760mm height 0960 – 960mm height
7	Environmental Rating Y – IP65
8	Connection Options D – Micro quick disconnect connector