

### *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 European Headquarter SA/NV  
Vorstlaan/Boulevard du Souverain 36 – BP 3A/B  
B-1170 Brussels  
Belgium**

*herewith declare that the Products:*     **DC Powered Micro and Slim Photoelectric Sensors**

*Product identification (brand and  
catalogue number/part number):*

**Allen-Bradley 42BA, 42BC, 42BT, 42FA, 42FB, 42FT, 42KA,  
42KB, and 42KC Series**  
*(reference the attached list of catalogue numbers)*

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*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

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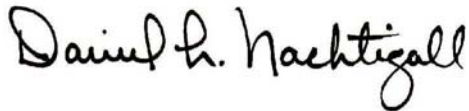
*and that the standards and/or technical specifications referenced below have been applied:*

EN 61000-6-2:2005                             Electromagnetic compatibility – Part 6-2: Generic standards – Immunity for  
industrial environments

EN 61000-6-4:2007                             Electromagnetic compatibility – Part 6-4: Generic standards – Emission  
standard for industrial environments

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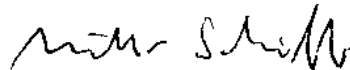
*Manufacturer:*



**Signature**

**Name:** Daniel L. Nachtigall  
**Position:** Supv – Product Certification Engineering  
**Date:** 09-Apr-2009

*Authorised Representative in the Community:*



**Signature**

**Name:** Viktor Schiffer  
**Position:** Engineering Manager  
**Date:** 30-Apr-2009

<i>Catalogue number</i>	<i>Series <sup>1</sup></i>	<i>Description</i>
42BA-S1LNAG-**, -***		Compact background suppression, miniature rectangular style
42BA-S1LPAG-**, -***		Compact background suppression, miniature rectangular style
42BA-S2LNAE-**, -***		Compact background suppression, miniature rectangular style
42BA-S2LP AE-**, -***		Compact background suppression, miniature rectangular style
42BA-S2LNAA-**, -***		Compact background suppression, miniature rectangular style
42BA-S2LPAA-**, -***		Compact background suppression, miniature rectangular style
42BA-S2LNAC-**, -***		Compact background suppression, miniature rectangular style
42BA-S2LPAC-**, -***		Compact background suppression, miniature rectangular style
42BC-B1LBAL-**, -***		Long range background suppression
42BC-B1LBAN-**, -***		Long range background suppression
42BT-B1LBSN-**, -***		Background suppression
42BT-B2LBSL-**, -***		Background suppression
42FA-F2LNA-**, -***		Visible red plastic fiber optic, slim fiber optic
42FA-F2LPA-**, -***		Visible red plastic fiber optic, slim fiber optic
42FB-F2LNAQ-**, -***		Visible red plastic fiber optic, slim fiber optic
42FB-F2LPAQ-**, -***		Visible red plastic fiber optic, slim fiber optic
42FB-F2LNA-**, -***		Visible Red Plastic Fiber Optic, General purpose DIN Fiber Optic
42FB-F2LNAQ-**, -***		Visible Red Plastic Fiber Optic, General purpose DIN Fiber Optic
42FB-F2LPA-**, -***		Visible Red Plastic Fiber Optic, General purpose DIN Fiber Optic
42FB-F2LPAQ-**, -***		Visible Red Plastic Fiber Optic, General purpose DIN Fiber Optic
42FT-F2***-**, -***		Visible Red, Blue or Green Plastic Fiber Optic
42FT-F3***-**, -***		Visible Red, Blue or Green Plastic Fiber Optic
42FT-F6***-**, -***		Visible Red, Blue or Green Plastic Fiber Optic
42KA-D2****-**, -***		Standard Diffuse, Sub miniature Flat Pack style
42KA-S2****-**, -***		Sharp Cut-off Diffuse, Sub miniature Flat Pack Style.
42KA-T2****-**, -***		Transmitted Beam, Sub miniature Flat Pack Style
42KB-U2****-**, -***		Retro reflective, Micro Rectangular Style
42KB-D1****-**, -***		Standard diffuse, micro rectangular style
42KB-D1****-**, -***		Standard diffuse, micro rectangular style
42KB-S1****-**, -***		Sharp Cut-off Diffuse, Micro Rectangular Style
42KB-S2****-**, -***		Sharp Cut-off Diffuse, Micro Rectangular Style
42KB-T1****-**, -***		Transmitted beam, micro rectangular style
42KB-T2****-**, -***		Transmitted beam, micro rectangular style
42KC-D2LNEK-**, -***		Diffuse, miniature rectangular style
42KC-D2LNSK-**, -***		Diffuse, miniature rectangular style
42KC-D2LPEK-**, -***		Diffuse, miniature rectangular style
42KC-D2LPSK-**, -***		Diffuse, miniature rectangular style
42KC-E2LNGP-**, -***		Through beam type, light source
42KC-E2LNTP-**, -***		Through beam type, light source
42KC-E2LPGP-**, -***		Through beam type, light source
42KC-E2LPTP-**, -***		Through beam type, light source
42KC-P2LNEM-**, -***		Polarized Retro reflective, Miniature Rectangular Style
42KC-P2LNSM-**, -***		Polarized Retro reflective, Miniature Rectangular Style
42KC-P2LPEM-**, -***		Polarized Retro reflective, Miniature Rectangular Style
42KC-P2LPSM-**, -***		Polarized Retro reflective, Miniature Rectangular Style
42KC-P2LNGP-**, -***		Through beam type, receiver
42KC-P2LNTP-**, -***		Through beam type, receiver
42KC-P2LPGP-**, -***		Through beam type, receiver
42KC-P2LPTP-**, -***		Through beam type, receiver
42KC-T2****-**, -***		Transmitted beam, miniature rectangular style

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