

EU Declaration of Conformity

Product: DC Powered Micro and Slim Photoelectric Sensors

Name and address of the manufacturer: Name and address of the authorised representative:

Rockwell Automation Inc. Rockwell Automation NV

1201 South 2nd StreetPegasus ParkMilwaukee, WI 53204De Kleetlaan 12AU.S.A.1831 Diegem

Belgium

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

Object of the declaration: Allen-Bradley 42BC, 42BT, 42FA, 42KA, and 42KB 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) 2011/65/EU 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 60947-5-2:2007 + A1:2012 Low-voltage switchgear and controlgear – Control circuit devices and

switching elements - Proximity switches

EN 63000:2018 Technical documentation for the assessment of electrical and electronic

products with respect to the restriction of hazardous substances

Signed for and on behalf of the above named manufacturer:

Place and date of issue: Milwaukee, WI USA 31-Aug-2021

Name, function: Daniel L. Nachtigall, Technical Leader – Product Compliance Engineering

Signature:

David L. Nachtigall



Catalogue number	Series 1	Description
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
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-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

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.