

## *EU Declaration of Conformity*

---

<i>Product:</i>	<b>Series 9000 Photoelectric Proximity Sensors</b>	
-----------------	--	--

---

<i>Name and address of the manufacturer:</i>	<i>Name and address of the authorised representative:</i>	
<b>Rockwell Automation Inc.</b>	<b>Rockwell Automation B.V.</b>	
<b>1201 South 2nd Street</b>	<b>Rivium Promenade 160</b>	
<b>Milwaukee, WI 53204</b>	<b>2909 LM Capelle aan den IJssel</b>	
<b>U.S.A.</b>	<b>The Netherlands</b>	

---

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

---

<i>Object of the declaration:</i>	<b>Allen-Bradley 42G and 42KR Series</b>	
	<i>(reference the attached list of catalogue numbers)</i>	

---

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

2014/35/EU	Low Voltage Directive	(LVD)
2014/30/EU	EMC Directive	(EMC)
2011/65/EU	RoHS Directive	(RoHS)

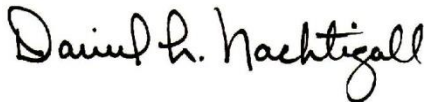
---

*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 – Part 5-2: Control circuit devices and switching elements – Proximity switches	
EN 60825-1:2007	Safety of laser products – Part 1: Equipment classification and requirements	
EN 50581:2012	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:*

<i>Place and date of issue:</i>	Milwaukee, WI USA	20-July-2017
<i>Name, function:</i>	Daniel L. Nachtigall, Technical Leader – Product Certification Engineering	
<i>Signature:</i>		

---

Catalogue number <sup>1</sup>	Series <sup>2</sup>	Description	Directive <sup>3</sup>		
			LVD	EMC	RoHS
42Gxx-9xx0-x		Series 9000 photoelectric proximity sensor per Nomenclature	N/R	Yes	Yes
42Gxx-9xx1-x		Series 9000 photoelectric proximity sensor per Nomenclature	N/R	Yes	Yes
42Gxx-9xx2-x		Series 9000 photoelectric proximity sensor per Nomenclature	Yes	Yes	Yes
42Gxx-9xx3-x		Series 9000 photoelectric proximity sensor per Nomenclature	Yes	Yes	Yes
42Gxx-9xx4-x		Series 9000 photoelectric proximity sensor per Nomenclature	Yes	Yes	Yes
42Gxx-9xx5-x		Series 9000 photoelectric proximity sensor per Nomenclature	Yes	Yes	Yes
42KRx-9000-x		Series 9000 photoelectric proximity sensor per Nomenclature	N/R	Yes	Yes
42KRx-9002-x		Series 9000 photoelectric proximity sensor per Nomenclature	Yes	Yes	Yes
60-2728		Same as 42GRU-9001 with special bracket	N/R	Yes	Yes
60-2728-1		Same as 42GRU-9001 with special bracket	N/R	Yes	Yes
60-2729-1		Same as 42GRU-9001-QD with special bracket	N/R	Yes	Yes
60-2730		Same as 42GRU-9002 with special bracket	Yes	Yes	Yes
60-2730-1		Same as 42GRU-9002 with special bracket	Yes	Yes	Yes
60-2731		Same as 42GRU-9002-QD with special bracket	Yes	Yes	Yes
60-2731-1		Same as 42GRU-9002-QD with special bracket	Yes	Yes	Yes
60-2736-1		Same as 42GRU-9002-QD – Custom	Yes	Yes	Yes
60-GR1-120		Same as 42GRU-9002 with right angle bracket and reflector	Yes	Yes	Yes
60-GR1-120UL325		Same as 60-2730 with right angle bracket and reflector	Yes	Yes	Yes
60-GR1-24		Same as 42GRU-9001 with right angle bracket and reflector	N/R	Yes	Yes
60-GR1-24UL325		Same as 60-2728 with right angle bracket and reflector	N/R	Yes	Yes
60-GRR1-24		Same as 42GRR-9001 + 42GRL-9000 with right angle bracket	N/R	Yes	Yes
60-GRR1-120		Same as 42GRR-9001 + 42GRL-9000 with right angle bracket	N/R	Yes	Yes

- 1) Not all combinations of nomenclature designations result in a valid catalog number.
- 2) If no series number is given, then all series are covered.
- 3) Yes = Product is certified to this directive.  
N/R = This directive is not required for this product.

NOMENCLATURE:

42G	R	U	-9	0	0	0	-	QD
1	2	3		4	5	6		7

1	Designates Product Family 42G: Series 9000 general purpose photoelectric proximity switch							
2	Designates Product Type D: Diagnostic L: Linear potentiometer N: DeviceNet R: Standard On/Off S: Teachable T: Timing							
3	Designates Sensing Mode C: Clearlight F: Fiber optic L: Transmitted beam emitter P: Diffuse R: Transmitter beam receiver U: Retroreflective							
4	Designates Light Source 0: Infrared 1: Visible red 2: Polarized/visible red							
5	Designates Sensing Distance 0: Standard range 4: Medium range 7: Long range L: Class 1 laser (Compliant with EN 60825-1)							
6	Designates Operating Voltage/Output Type 0: 10...40V dc; NPN/PNP transistor 1: 10...55V dc, 20...40V ac; SPDT relay 2: 70...264V ac/dc; SPDT relay 3: 70...264V ac/dc; N-MOSFET 4: 90...264V ac, 95...264V dc; N.O. relay 5: 90...264V ac, 95...264V dc; N.C. relay							
7	Designates Connection Type Blank: Integral cable, 300V A: Integral coiled cable, 300V H: Integral cable, 600V QD: Mini quick-disconnect connector QD*: Micro quick-disconnect connector, where * designates a letter or number for pin/connector options One or two digit number: Custom integral cable length Other letter/number combinations may be used to designate custom connection options							

42K	R	U	-9	0	0	0	-	QD
1	2	3		4	5	6		7

1	Designates Product Family 42K: Series 9000 dark room photoelectric proximity switch							
2	Designates Product Type R: Standard On/Off							
3	Designates Sensing Mode L: Transmitted beam emitter P: Diffuse R: Transmitter beam receiver U: Retroreflective							
4	Designates Light Source 0: Infrared							
5	Designates Sensing Distance 0: Standard range							
6	Designates Operating Voltage/Output Type 0: 10...40V dc; NPN/PNP transistor 2: 70...264V ac/dc; SPDT relay							
7	Designates Connection Type Blank: Integral cable, 300V QD: Mini quick-disconnect connector							