

## *EC Declaration of Conformity*

*The undersigned, representing the manufacturer*

**Rockwell Automation, Inc.**  
**1201 South 2<sup>nd</sup> Street**  
**Milwaukee, WI 53204**  
**U.S.A.**

*and the authorised representative established within the  
Community*

**Rockwell Automation B.V.**  
**Rivium Promenade 160**  
**2909 LM Capelle aan den IJssel**  
**The Netherlands**

*Herewith declare that the Products:* **VisiSight DC Photoelectric Sensors**

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

**Allen-Bradley 42JT 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 60947-1:2007

Low-voltage switchgear and controlgear – Part 1: General rules

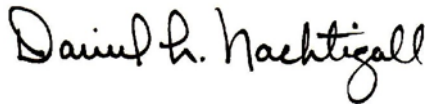
EN 60947-5-2:2007

Low voltage switchgear and controlgear – Part 5-2: Control circuit devices  
and switching elements – Proximity switches

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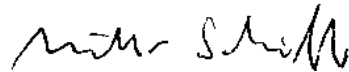
*Manufacturer:*

*Authorised Representative in the Community:*



**Signature**

**Name:** Daniel L. Nachtigall  
**Position:** Supv – Product Certification Engineering  
**Date:** 28-Dec-2011



**Signature**

**Name:** Viktor Schiffer  
**Position:** Engineering Manager  
**Date:** 09-Jan-2012

<i>Catalogue number</i>	<i>Series <sup>1</sup></i>	<i>Description</i>
42JT-*****.*		<i>VisiSight photoelectric sensors per Nomenclature below</i>

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

MODEL NOMENCLATURE:

42JT	-	D	2	L	A	T	1	-	F4
1		2	3	4	5	6	7		8

1	Product Line 42JT – VisiSight small rectangular teach photoelectric sensor								
2	Sensing Mode B – Background suppression D – Standard diffuse P – Polarized retroreflective E – Transmitted beam emitter R – Transmitted beam receiver								
3	Light Source 2 – Visible red LED 8 – Laser 9 – None (transmitted beam receiver)								
4	Operating Voltage / Mode E – DC, transmitted beam light source L – DC, Teach LO or DO output								
5	Output Type A – Auto PNP/NPN output Z – No output (transmitted beam light source)								
6	Sensitivity Adjustment B – No adjustment/teach T – Push button or remote teach								
7	Sensing Range (Per Sensing Mode)								
		Sensing Mode B		Sensing Mode D		Sensing Mode P		Sensing Mode E, R	
		LED	Laser	LED	Laser	LED	Laser	LED	Laser
	1	180 mm	120 mm	800 mm	250 mm	6 m	13m	13 m	18 m
2	400 mm	--	--	--	--	--	--	--	
8	Connection Type A# – Integral cable, where # is a digit representing cable length F# – Pigtail with DC Micro (M12) QD connector, where # is a digit representing number of connector pins P# – Integral Pico (M8) QD connector, where # is a digit representing number of connector pins								