

## *EC Declaration of Conformity*

*The undersigned, representing the manufacturer*

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

*and the authorised representative established within the  
Community*

**Rockwell Automation BV**  
**Rivium 1e Straat, 23**  
**2909 LE Capelle aan den IJssel**  
**Netherlands**

*herewith declare that the Products:*     **Miniature Flat Pack Inductive Proximity Sensors**

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

**Allen-Bradley 871FM 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

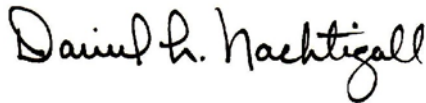
EN 60947-5-2:2007

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

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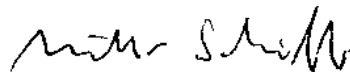
*Manufacturer:*

*Authorised Representative in the Community:*



**Signature**

**Name:** Daniel L. Nachtigall  
**Position:** Supv – Product Certification Engineering  
**Date:** 01-Mar-2011



**Signature**

**Name:** Viktor Schiffer  
**Position:** Engineering Manager  
**Date:** 11-Mar-2011

<i>Catalogue number</i>	<i>Series <sup>1</sup></i>	<i>Description</i>
871FM-D2CP11-**		28mm x 16mm x 11mm plastic PNP N.C., shielded, 2mm sensing, cable or QD
871FM-D2CP12-**		40mm x 26mm x 12mm plastic PNP N.C., shielded, 2mm sensing, cable or QD
871FM-D2NP11-**		28mm x 16mm x 11mm plastic PNP N.O., shielded, 2mm sensing, cable or QD
871FM-D2NP12-**		40mm x 26mm x 12mm plastic PNP N.O., shielded, 2mm sensing, cable or QD
871FM-D4CN12-**		40mm x 26mm x 12mm plastic NPN N.C., un-shielded, 4mm sens., cable or QD
871FM-D4NN12-**		40mm x 26mm x 12mm plastic NPN N.O., un-shielded, 4mm sensing, cable or QD
871FM-D4NP12-**		40mm x 26mm x 12mm plastic PNP N.O., un-shielded, 4mm sensing., cable or QD
871FM-D5CN25-**		25mm x 50mm x 10mm plastic NPN N.C., shielded, 5mm sensing, cable or QD
871FM-D5CP25-**		25mm x 50mm x 10mm plastic PNP N.C., shielded, 5mm sensing, cable or QD
871FM-D5NN25-**		25mm x 50mm x 10mm plastic NPN N.O., shielded, 5mm sensing, cable or QD
871FM-D5NP10-**		31mm x 18mm x 10mm plastic PNP N.O., un-shielded, 5mm sensing, cable or QD
871FM-D5NP25-**		25mm x 50mm x 10mm plastic PNP N.O., shielded, 5mm sensing, cable or QD
871FM-D8CP25-**		25mm x 50mm x 10mm plastic PNP N.C., un-shielded, 8mm sensing, cable or QD
871FM-D8NN25-**		25mm x 50mm x 10mm plastic NPN N.O., un-shielded, 8mm sensing, cable or QD
871FM-D8NP25-**		25mm x 50mm x 10mm plastic PNP N.O., un-shielded, 8mm sensing, cable or QD
871FM-M1NN5-**, -***	B	5mm x 5mm N.P. brass, NPN N.O., 0.8mm sensing, cable or cable/connector S8
871FM-M1NP5-**, -***	B	5mm x 5mm N.P. brass, PNP N.O., 0.8mm sensing, cable or cable/connector S8
871FM-M2NN5-**, -***	B	5mm x 5mm N.P. brass, NPN N.O., 1.5mm sensing, cable or cable/connector S8
871FM-M2NN8-**, -***	B	8mm x 8mm N.P. chrome/brass, PNP N.O., 2mm sensing, cable or cable/conn. S8
871FM-M2NP5-**, -***	B	5mm x 5mm N.P. brass, PNP N.O., 1.5mm sensing, cable or cable/connector S8
871FM-M2NP8-**	B	8mm x 8mm chrome/brass, PNP N.O., 2mm sensing, w/ cable or connector S8
871FM-N3NN8-**	B	8mm x 8mm chrome/brass, NPN N.O., 3mm sensing, w/ cable or connector S8
871FM-N3NP8-**	B	8mm x 8mm chrome/brass, PNP N.O., 3mm sensing, w/ cable or connector S8

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