

## EC Declaration of Conformity

The undersigned, representing the manufacturer and the authorised representative established within the

Community

Rockwell Automation, Inc.

Rockwell Automation BV
1201 South 2<sup>nd</sup> Street

Rivium 1e Straat, 23

Milwaukee, WI 53204 2909 LE Capelle aan den IJssel

U.S.A. Netherlands

herewith declare that the Products: 30mm Metal Safety Limit Switches

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

\*\*Allen-Bradley / Guardmaster 440P-M Series\*\*

(reference the attached list of catalogue numbers)

Product Safety Function: Position limit switches can be used as door guards, protection from moving

machine beds, crane arms, etc.

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:

2006/95/EC Low Voltage Directive
2006/42/EC Machinery Directive

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 60947-5-1:2004 Low-voltage switchgear and controlgear – Part 5-1: Control circuit devices

and switching elements - Electromechanical control circuit devices

EN 60204-1:2006 Safety of machinery – Electrical equipment for machines – Part 1: General

requirements

EN 60529:1991 + A1:2000 Degrees of protection provided by enclosures (IP codes)

EN ISO 12100-1:2003 + A1:2009 Safety of Machinery – Basic concepts, general principles for design – Part 1 –

Basic terminology, methodology

EN 1088:1995 + A2:2008 Safety of Machinery – Interlock devices associated with guards – Principles

for design and selection

Year of CE Marking (Low Voltage Directive): 2000

Manufacturer: Authorised Representative in the Community:

Signature

Name: Daniel L. Nachtigall

Daint L. Nachtigall

Position: Supv – Product Certification Engineering

Date: 02-Mar-2011

Signature

Name: Viktor Schiffer

Position: Engineering Manager

non Shill

Date: 15-Mar-2011



Catalogue number <sup>1</sup>	Series <sup>2</sup>	Description	Directive <sup>3</sup>	
		2000		MD
440P-Mxxxx		30mm IEC style metal safety limit switch per Nomenclature	Yes	Yes
440P-M18001		"Imp" miniature safety limit switch	Yes	Yes
440P-M18002		"Imp" miniature safety limit switch	Yes	Yes
Accessories				
889D-F4AC-*		Cordset for use with –D4 terminations	Yes	N/R
889M-F4AC-*		Cordset for use with –M9 terminations	Yes	N/R
889N-F5AE-*		Cordset for use with –N5 terminations	Yes	N/R

- 1) \* Represents suffix designations that do not impact this DoC
- 2) If no series number is given, then all series are covered
- 3) Yes = Products are certified to this directive

N/R = This directive is not applicable to this product

## MODEL NOMENCLATURE:

440P-M	SL	В	13	M9
1	2	3	4	5

1	Designates Product Type				
	440P-M – 30mm metal position (limit) switch				
2	Operator Type				
	AL – Adjustable lever				
	AR – Adjustable rod lever				
	DP – Dome plunger				
	MH – Short lever, metal roller				
	RP – Roller plunger				
	SL – Short lever, plastic roller				
	SR – Spring rod				
	TA – Telescopic arm				
3	Designates Contact Type				
	S – Snap action				
	B – Slow break before make				
	M – Slow make before break				
4	Designates Contact Configuration				
	11 – 1 N.C. safety contact + 1 N.O. auxiliary contact				
	13 – 3 N.C. safety contacts + 1 N.O. auxiliary contact				
	22 – 2 N.C. safety contacts + 2 N.O. auxiliary contacts				
	04 – 4 N.C. safety contacts				
5	Designates Termination Type				
	E – 1/2 inch NPT conduit				
	B – M20 conduit				
	D4 – 4 pin DC micro connector				
	M9 – 12 pin (9 wire) M23 connector				
	N5 – 5 pin mini connector				

Document Control Number: SEN-0397-B-EN