EU Declaration of Conformity

Product:	***Capacitive Proximity Sensors***

Name and address of the manufacturer:	*Name and address of the authorised representative:*
Rockwell Automation Inc. ***1201 South 2nd Street*** ***Milwaukee, WI 53204*** ***U.S.A.***	***Rockwell Automation NV*** ***Pegasus Park*** ***De Kleetlaan 12A*** ***1831 Diegem*** ***Belgium***

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

Object of the declaration:	***Allen-Bradley 875F and 875L Series*** *(reference the attached list of catalogue numbers)*

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

2014/35/EU	*Low Voltage Directive*	*(LVD)*
2014/30/EU	*EMC Directive*	*(EMC)*
2011/65/EU (incorporating 2015/863)	*RoHS Directive*	*(RoHS)*

References to the relevant harmonized standards used or references to the other technical specifications in relation to which conformity is declared:

EN IEC 60947-5-2:2020	*Low-voltage switchgear and controlgear – Part 5-2: Control circuit devices and switching elements – Proximity switches*
EN IEC 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*	*16-Jan-2025*
Name, function:	*Daniel L. Nachtigall, Technical Leader – Product Compliance Engineering*	
Signature:		

Catalogue number	*Series* [1]	*Description*	*Directive* [2]		
			EMC	*LVD*	*RoHS*
875L-M*		*DC Capacitive Proximity Sensor, see Nomenclature*	*Yes*	*N/R*	*Yes*
875L-N*		*DC Capacitive Proximity Sensor, see Nomenclature*	*Yes*	*N/R*	*Yes*
875L-F*		*AC Capacitive Proximity sensor, see Nomenclature*	*Yes*	*Yes*	*Yes*
875L-G*		*AC Capacitive Proximity sensor, see Nomenclature*	*Yes*	*Yes*	*Yes*
875F-M*		*DC Capacitive Proximity sensor, see Nomenclature*	*Yes*	*N/R*	*Yes*

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.

2) Yes = Product is certified to this directive.
N/R = This directive is not required for this product.

NOMENCLATURE:

875L	**-**	**M**	**8**	**NP**	**18**	**A2**
1		2	3	4	5	6

1	Designates Product Type 875L – Capacitive proximity sensor, cylindrical housing 875F – Capacitive proximity sensor, rectangular housing
2	Designates Voltage Type M – DC shielded N – DC unshielded F – AC shielded G – AC unshielded
3	Designates Nominal Sensing Distance 8 – 8 mm sensing distance 10 – 1 0mm sensing distance 12 – 12 mm sensing distance 16 – 16 mm sensing distance 25 – 25 mm sensing distance
4	Designates Output Type B – Normally open & normally closed N – Normally open C – Normally closed NP – Normally open sourcing PNP NN – Normally open sinking NPN CP – Normally closed sourcing PNP CN – Normally closed sinking NPN
5	Designates Barrel Diameter or Rectangular Model Length. 18 – 18 mm Barrel Diameter 30 – 30 mm Barrel Diameter 34 – 34 mm long
6	Designates Connection Type A2 – 2M PVC cable D4 – DC micro quick disconnect FP02 – Pico, QD pigtail R3 – AC micro quick disconnect