EU Declaration of Conformity

Product:	***Optical Incremental Encoders***

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 844DS Series*** *(reference the attached list of catalogue numbers)*

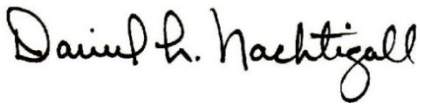
The object of the declaration described above is in conformity with the relevant Union harmonization legislation:

2014/30/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 61000-6-2:2005	*Electromagnetic compatibility (EMC) – Part 6-2: Generic standards – Immunity for industrial environments*
EN 61000-6-3:2007 + A1:2011	*Electromagnetic compatibility (EMC) – Part 6-3: Generic standards – Emission standard for residential, commercial and light industrial environments*
EN 61000-6-4:2007 + A1:2011	*Electromagnetic compatibility (EMC) – Part 6-4: Generic standards – Emission standard for industrial environments*
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*	*02-Aug-2023*
Name, function:	*Daniel L. Nachtigall, Technical Leader – Product Compliance Engineering*	
Signature:		

Catalogue number	*Series* [1]	*Description*
844DS-B*O***		*Through-shaft Optical Incremental Encoders per Nomenclature*

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.

NOMENCLATURE:

844DS	-	B	M	O	C	T	CR
			1		2	3	4

1	Designates Bore Size [mm (in.)] M – 30 (1.18) N – 42 (1.65)
2	Designates Connection Type 1 – 1.5 m (4.92 ft) cable C – MS 10-pin D – M12 8-pin J – M23 12-pin
3	Designates Output Type H – TL T – TTL
4	Designates Resolution DB – 120 CR – 2500 FS – 8192 CK – 360 DS – 4096 CV – 10000 FW – 1024 DR – 5000 LS – 16384 CS – 2048