



EU Declaration of Conformity (DoC)

MANUFACTURER - COMPANY NAME, FULL POSTAL ADDRESS (INCLUDE COUNTRY OF ORIGIN AS THE ADDRESS):
SENSE ELETRÔNICA LTDA., Avenida Joaquim Moreira Carneiro, 600, Santana District, Santa Rita do Sapucaí, MG, ZIP Code 37537-164, Brazil
If applicable, AUTHORIZED REPRESENTATIVE – NAME, COMPANY NAME, FULL POSTAL ADDRESS (INCLUDE COUNTRY OF ORIGIN AS THE ADDRESS):
Dipl. Ing. Christian Kröpfl TE Connectivity Austria GmbH Schrackstr. 1, 3830 Waidhofen Thaya Austria

Declare, under our sole responsibility, that the product(s):

Certificate Number:
CB2-00001

Product description:

Tubular Inductive proximity sensors, designed for non-contact detection of metallic objects to which this Declaration of Conformity relates, in the form as delivered, are in conformity with the provisions of the following European Directive(s):

Applicable	Directives		Page	Revision
<input checked="" type="checkbox"/>	2014/30/EU	Electromagnetic Compatibility (EMC)	2	1
<input checked="" type="checkbox"/>	2011/65/EU	Restriction of Hazardous Substances in Electrical and Electronic Equipment (RoHS2)	3	1
Technical Documentation			A-C	1

SIGNED BY OR ON BEHALF OF THE MANUFACTURER AS AUTHORISED REPRESENTATIVE:

Dipl.-Ing. Christian Kröpfl
NAME and SIGNATURE

Sr Mgr R&D/Product DVL Engineering
TITLE

04.07.2025
DATE

The declaration certifies the conformity to the specified directives but contains no assurance of properties. The safety documentation accompanying the product shall be considered in detail.



Certificate Number:
CB2-00001

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We, the undersigned, declare sole responsibility that the product to which this declaration relates is in conformity with essential and other relevant requirements given below.

PRIMARY DIRECTIVE CONFORMANCE THAT IS BEING DECLARED

2014/30/EU - Electromagnetic Compatibility (EMC) Directive

MANUFACTURER OR AUTHORIZED REPRESENTATIVE -

COMPANY NAME, FULL POSTAL ADDRESS (INCLUDE COUNTRY OF ORIGIN AS THE ADDRESS):

See Cover Page

PRODUCT NAME OR DESCRIPTION OF PRODUCT:

Standard DC Line of Inductive Sensors
with Rear Illumination

TRADE NAME, TYPE OR MODEL:

See Appendix 10.

DIRECTIVES AND STANDARDS BEING DECLARED AS CONFORMING, POSSIBLY DECLARED AS ESSENTIAL BY THE PRIMARY DIRECTIVE:

2014/30/EU - Electromagnetic Compatibility (EMC) Directive

IEC 60947-5-2: Low-voltage switchgear and controlgear – Proximity switches.

TECHNICAL FILE HELD BY:

Sense Eletrônica – Engineering Department, Rodrigo Paduan

PLACE AND DATE OF
ISSUE OF THIS DoC:

PLACE: TE Connectivity Austria GmbH
Schrackstraße 1, 3830 Waidhofen/Thaya

DATE: 2025-07-02



Certificate Number:
CB2-00001

EU Declaration of Conformity (DoC)

We, the undersigned, declare sole responsibility that the product to which this declaration relates is in conformity with essential and other relevant requirements given below.

PRIMARY DIRECTIVE CONFORMANCE THAT IS BEING DECLARED

2011/65/EU - Restriction of Hazardous Substances in Electrical and Electronic Equipment (RoHS)

MANUFACTURER OR AUTHORIZED REPRESENTATIVE -

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DIRECTIVES AND STANDARDS BEING DECLARED AS CONFORMING, POSSIBLY DECLARED AS ESSENTIAL BY THE PRIMARY DIRECTIVE:

2011/65/EU - Restriction of Hazardous Substances in Electrical and Electronic Equipment (RoHS);

The product complies with 2011/65/EU (RoHS2) and the technical documentation has been prepared in accordance with IEC 63000.

TECHNICAL FILE HELD BY:

Sense Eletrônica – Engineering Department, Rodrigo Paduan

PLACE AND DATE OF
ISSUE OF THIS DoC:

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10. Appendix 1

	PS	15	-	30	G	I	50	-	A2	-	6
Sensor Type											
PS - Inductive proximity sensor											
Sensing Distance											
2 - 2 mm											
4 - 4 mm											
5 - 5 mm											
8 - 8 mm											
10 - 10 mm											
15 - 15 mm											
Tube Diameter											
Threaded: M12x1; M18x1 or M30x1,5											
Tube											
G - Threaded tube											
Tube Type											
___ - Flat tube											
I- Nickel plated brass, illuminated back											
M- Nickel plated brass, side LED											
P- Engineering plastic, rear LED											
X- Stainless steel, rear LED											
T- PTFE plated brass, rear LED											
Tube Length											
50, 60 or 70 mm											
Output Type											
E - Direct current 3 wire NPN NO											
E2 - Direct current 3 wire PNP NO											
A - Direct current 4 wire NPN NO+NF											
A2 - Direct current 4 wire PNP NO+NF											
Electrical Connection *											
___ - 2 meters PVC cable											
6 - 6 meters PVC cable											
10 - 10 meters PVC cable											
15 - 15 meters PVC cable											
20 - 20 meters PVC cable											
25 - 25 meters PVC cable											
V1 - M12 connector - 4 pin											
V8 - M8 connector - 3 pin											