

## EU Declaration of Conformity

Nr : DN0000157-00

**Products identification :**

Type of products : Inductive proximity switches with discrete output

Trademark : **Telemecanique Sensors**

Models : **XS7C2..., XS7C4..., XS8C2..., XS8C4..., XS9C2..., XS9C4...**  
(complete list of models covered in page 2)

We, **TMSS France (Manufacturer)**, declare under our sole responsibility that the products to which this declaration refers comply with Essential Requirements of the following European Directive(s) :

Low Voltage Directive : **2014/35/EU**

EMC Directive : **2014/30/EU**

RoHS Directive : **2011/65/EU + 2015/863**

Product's conformity has been assessed by applying the following harmonized standard(s) :

**EN IEC 60947-5-2:2020**

**EN IEC 63000:2018**

When subject to installation, maintenance and use conforming to their intended purpose, to regulations and standards applicable in the country where they are installed, to the supplier's instructions and to accepted state of the art.

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Customer Satisfaction & Quality Director

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**ORIGINAL DECLARATION – TRANSLATION WITHOUT WRITTEN AUTHORIZATION IS PROHIBITED**

## Appendix

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List of product models covered by the present EU Declaration of Conformity

| XS8 | C4 | A   | 1  | M | P  | P20 | TF   |
|-----|----|-----|----|---|----|-----|------|
| I   | II | III | IV | V | VI | VII | VIII |

|      |   |   |
|------|---|---|
| I    | <b>Product type</b>                                   |   |
|      | XS7   | : Inductive proximity switch, basic version, with normal sensing distance       |
|      | XS8   | : Inductive proximity switch, enhanced version, with increased sensing distance |
|      | XS9   | : Inductive proximity switch, applicative version                               |
| II   | <b>Enclosure type (dimensions)</b>                    |   |
|      | C2  | : Cubic (40 x 40 x 73 mm)   |
|      | C4  | : Parallelepipedic (40 x 40 x 118 mm)   |
| III  | <b>Enclosure material</b>                             |   |
|      | A   | : Plastic   |
| IV   | <b>Mounting conditions</b>                            |   |
|      | 1   | : Embedded in metal   |
|      | 4   | : Non-embedded in metal   |
| V    | <b>Wiring scheme and output type</b>                  |   |
|      | C   | : DC 2 wires, with discrete output (specific wiring)                            |
|      | D   | : DC 2 wires, with discrete output (standard wiring)                            |
|      | M   | : AC/DC 2 wires, with discrete output   |
|      | N   | : DC 3 (or 4) wires, with NPN output(s)   |
|      | P   | : DC 3 (or 4) wires, with PNP output(s)   |
| VI   | <b>Output(s) function</b>                             |   |
|      | A   | : NO  |
|      | B   | : NC  |
|      | C   | : NO and NC   |
|      | P   | : NO or NC (output configuration by wiring)                                     |
| VII  | <b>Cable entry or connection type</b>                 |   |
|      | G13   | : Threaded hole for ISO PG13,5 cable gland                                      |
|      | M12   | : Connection by M12 / 4 pins connector  |
|      | N12   | : Threaded hole for 1/2" NPT cable gland  |
|      | P20   | : Threaded hole for ISO M20x1,5 cable gland                                     |
|      | U20   | : Connection by 1/2" - 20 UNF / 3 pins connector                                |
| VIII | <b>Additional suffix, operating temperature range</b> |   |
|      | Blank   | : Standard product for normal temperature range                                 |
|      | TF  | : Specific version for low temperature range                                    |
|      | TT  | : Specific version for high temperature range                                   |

**NOTE :** These references may be followed by 1 to 3 alphanumeric digits, to denote assembly, marking or packaging variations, without impact on products characteristics and/or compliance.