

## UK Declaration of Conformity

Nr : DN0000158-00

**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)** and **Yageo TMSS UK Limited (UK Representative)**, declare under our sole responsibility that the products to which this declaration refers comply with Essential Requirements of the following Regulation(s) :

Electrical Equipment (Safety) Regulations : **SI 2016 No. 1101**Electromagnetic Compatibility Regulations : **SI 2016 No. 1091**Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 : **SI 2012 No. 3032**

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

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

**Tony KUMETA**

General Manager, UK&amp;I

**Issued at :** Harrogate – UNITED KINGDOM**Emission date :** March 18<sup>th</sup>, 2025**Manufacturer :**  
**TMSS France**Tour Egho – 2 avenue Gambetta  
92400 Courbevoie – FRANCE**UK Representative :**  
**Yageo TMSS UK Limited**2 North Park Road  
Harrogate, HG1 5PA – UNITED KINGDOM**Technical Documentation authority :**  
**TMSS France**Boulevard Salvador Allende – ZI n°3  
16340 L'Isle d'Espagnac – FRANCE

## Appendix

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List of product models covered by the present UK 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.

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