

## UK Declaration of Conformity

Nr : DN0000478-00

**Products identification :****Type of products :** Inductive proximity switches with discrete output**Trademark :** Telemecanique Sensors**Models :** XS7C1..., XS7D1..., XS7E1..., XS7F1..., XS7J1...  
XS8C1..., XS8D1..., XS8E1...  
(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.

**Didier BARON**

President of Telemecanique Sensors PBU

**Issued at :** L'Isle d'Espagnac – FRANCE**Emission date :** May 15<sup>th</sup>, 2025**Manufacturer :**  
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## Appendix

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

| XS8 | D1 | A   | 1  | P | A  | M12 |      | DIN |
|-----|----|-----|----|---|----|-----|------|-----|
| I   | II | III | IV | V | VI | VII | VIII | IX  |

|      |                                                                    |                                                                                                        |
|------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| I    | <b>Product type</b>                                                |                                                                                                        |
|      | XS7                                                                | : Inductive proximity switch, basic version, with normal sensing distance                              |
|      | XS8                                                                | : Inductive proximity switch, enhanced version, with variable sensing distance (by teaching)           |
| II   | <b>Enclosure type (dimensions)</b>                                 |                                                                                                        |
|      | C1                                                                 | : Flat format (40 x 40 x 15 mm)                                                                        |
|      | D1                                                                 | : Flat format (80 x 80 x 26 mm)                                                                        |
|      | E1                                                                 | : Flat format (26 x 26 x 13 mm)                                                                        |
|      | F1                                                                 | : Flat format (15 x 32 x 8 mm)                                                                         |
|      | J1                                                                 | : Flat format (8 x 22 x 8 mm)                                                                          |
| III  | <b>Enclosure material</b>                                          |                                                                                                        |
|      | A                                                                  | : Plastic                                                                                              |
| IV   | <b>Mounting conditions</b>                                         |                                                                                                        |
|      | 1                                                                  | : Embedded in metal                                                                                    |
|      | 3                                                                  | : Embedded in metal (with increased sensing distance)                                                  |
| 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 function</b>                                             |                                                                                                        |
|      | A                                                                  | : NO                                                                                                   |
|      | B                                                                  | : NC                                                                                                   |
|      | C                                                                  | : NO and NC                                                                                            |
| VII  | <b>Connection type</b>                                             |                                                                                                        |
|      | L••                                                                | : Standard flexible cord with PVC insulation (•• = one or two digits giving the cable length in meter) |
|      | L••M8                                                              | : "Pigtail" (PVC insulation) •,• m length, with M8 / 3 pins connector                                  |
|      | L••M12                                                             | : "Pigtail" (PVC insulation) •,• m length, with M12 / 4 pins connector                                 |
|      | L••U20                                                             | : "Pigtail" (PVC insulation) •,• m length, with 1/2" - 20 UNF / 3 pins connector                       |
|      | M8                                                                 | : Connection by M8 / 3 pins connector                                                                  |
|      | M12                                                                | : Connection by M12 / 4 pins connector                                                                 |
|      | U20                                                                | : Connection by 1/2" - 20 UNF / 3 pins connector                                                       |
| VIII | <b>Additional suffix, for specific operating temperature range</b> |                                                                                                        |
|      | Blank                                                              | : Standard product, for normal temperature range                                                       |
|      | F or TF                                                            | : Specific version, adjusted/optimized for low temperature range                                       |
|      | T or TT                                                            | : Specific version, adjusted/optimized for high temperature range                                      |
| IX   | <b>Additional suffix, for specific mounting possibilities</b>      |                                                                                                        |
|      | Blank                                                              | : Standard product, for direct mounting onto machine frame                                             |
|      | DIN                                                                | : Product with specific base, for clipping onto 35 mm omega rail                                       |

**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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