

## EU Declaration of Conformity

Nr : DN0000200-00

**Products identification :**

Type of products : Inductive proximity switches with discrete output

Trademark : **Telemecanique Sensors**Models : **XS5••B1..., XS5••BL..., XS5••BS...**  
**XS6••B1..., XS6••B2..., XS6••B3..., XS6••B4..., XS6••B5...**  
(complete list of models covered in pages 2 and 3)

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.

**Gregory POUX**

Customer Satisfaction &amp; Quality Director

Issued at : L'Isle d'Espagnac – FRANCE

Emission date : March 18<sup>th</sup>, 2025**TMSS France**Postal address :  
Tour Eqho – 2 avenue Gambetta  
92400 Courbevoie – FRANCE<https://tesensors.com/global/en/support/technical-support>**Technical Documentation authority :****TMSS France**  
Boulevard Salvador Allende – ZI n° 3  
16340 L'Isle d'Espagnac – FRANCE

Page : 1/3

## Appendix

**Nr : DN0000200-00**

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

<b>XS6</b>	<b>18</b>	<b>B</b>	<b>1</b>	<b>P</b>	<b>A</b>	<b>M12</b>	<b>TF</b>
<b>I</b>	<b>II</b>	<b>III</b>	<b>IV</b>	<b>V</b>	<b>VI</b>	<b>VII</b>	<b>VIII</b>

<b>I</b>	<b>Product type</b>	
	<b>XS5</b>	: Inductive proximity switch, general purpose model, single sensing distance
	<b>XS6</b>	: Inductive proximity switch, general purpose model, increased sensing distance
<b>II</b>	<b>Enclosure dimensions (tube diameter)</b>	
	<b>06</b>	: 6,5 mm (smooth tube)
	<b>08</b>	: 8 mm
	<b>12</b>	: 12 mm
	<b>18</b>	: 18 mm
	<b>30</b>	: 30 mm
<b>III</b>	<b>Enclosure type</b>	
	<b>B</b>	: Metallic tube
<b>IV</b>	<b>Product characteristics</b>	
	<b>1</b>	: Product for mounting embedded in metal, single (XS5) or increased (XS6) sensing distance
	<b>2</b>	: Product for mounting embedded in metal, with variable sensing distance (by teaching)
	<b>3</b>	: Product for mounting embedded in metal, increased sensing distance
	<b>4</b>	: Product for mounting non-embedded in metal, increased sensing distance
	<b>5</b>	: Product for mounting non-embedded in metal, increased sensing distance
	<b>L</b>	: Product for light industry, medium body, single sensing distance
	<b>S</b>	: Product for light industry, short body, single sensing distance
<b>V</b>	<b>Wiring scheme and output type</b>	
	<b>C</b>	: DC 2 wires, with discrete output (specific wiring)
	<b>D</b>	: DC 2 wires, with discrete output (standard wiring)
	<b>M</b>	: AC/DC 2 wires, with discrete output
	<b>N</b>	: DC 3 (or 4) wires, with NPN output(s)
	<b>P</b>	: DC 3 (or 4) wires, with PNP output(s)
<b>VI</b>	<b>Output(s) function</b>	
	<b>A</b>	: NO
	<b>B</b>	: NC
	<b>C</b>	: NO and NC
<b>VII</b>	<b>Type of connection</b>	
	<b>L••</b>	: Standard flexible cord with PVC insulation (•• = one or two digits giving the cable length in meter)
	<b>P••</b>	: Enhanced flexible cord with PUR insulation (•• = one or two digits giving the cable length in meter)
	<b>L••B</b>	: "Pigtail" (PVC insulation) •,• m length, with screw terminal / 3 pins connector
	<b>L••C</b>	: "Pigtail" (PVC insulation) •,• m length, with EN 175301-803-A / 3 pins connector
	<b>L••M12</b>	: "Pigtail" (PVC insulation) •,• m length, with M12 / 4 pins connector
	<b>L••U78</b>	: "Pigtail" (PVC insulation) •,• m length, with 7/8" - 16 UN / 3 pins connector
	<b>P••M8</b>	: "Pigtail" (PUR insulation) •,• m length, with M8 / 3 pins connector
	<b>M8</b>	: Connection by M8 / 3 pins connector
	<b>M12</b>	: Connection by M12 / 4 pins connector
	<b>U20</b>	: Connection by 1/2" - 20 UNF / 3 pins connector

## Appendix

Nr : DN0000200-00

List of product models covered by the present EU Declaration of Conformity (continued)

VIII	Additional suffix, operating temperature range		
	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.