

EU Declaration of Conformity

Nr : DN0000477-00

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)**, 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.

Didier BARON

President of Telemecanique Sensors PBU

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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

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Appendix

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

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

I	Product type	
	XS7	: Inductive proximity switch, basic version, with normal sensing distance
	XS8	: Inductive proximity switch, enhanced version, with variable sensing distance (by teaching)
II	Enclosure type (dimensions)	
	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	Enclosure material	
	A	: Plastic
IV	Mounting conditions	
	1	: Embedded in metal
	3	: Embedded in metal (with increased sensing distance)
V	Wiring scheme and output type	
	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	Output function	
	A	: NO
	B	: NC
	C	: NO and NC
VII	Connection type	
	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	Additional digit, for specific operating temperature range	
	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	Additional suffix, for specific mounting possibilities	
	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.