

EU Declaration of Conformity

Nr : DN0000142-00

Products identification :

Type of products : Inductive proximity switches with discrete output

Trademark : **Telemecanique Sensors**Models : **XS1L..., XS1M..., XS1N..., XS2M..., XS2N..., XS4P...**
(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 & Quality Director

Issued at : 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

XS1	N	18	P	C	410	L1	TF
I	II	III	IV	V	VI	VII	VIII

I	Product type	
	XS1	: Inductive proximity switch, for mounting embedded in metal
	XS2	: Inductive proximity switch, for mounting non-embedded in metal
	XS4	: Inductive proximity switch, for mounting non-embedded in metal
II	Enclosure type	
	L	: Metallic tube, smooth shape, long length
	M	: Metallic tube, threaded, long length
	N	: Metallic tube, threaded, short length
III	Enclosure dimensions (tube diameter)	
	04	: 4 mm
	05	: 5 mm
	06	: 6,5 mm
	08	: 8 mm
	12	: 12 mm
	18	: 18 mm
IV	Wiring scheme and output type	
	K	: DC 4 wires, with programmable NPN and PNP outputs
	M	: AC/DC 2 wires, with discrete output
	N	: DC 3 (or 4) wires, with NPN output(s)
V	Output(s) function	
	A	: NO
	B	: NC
	C	: NO and NC
VI	Operating voltage range and additional characteristics	
	230	: 24...240 V AC/DC, without short-circuit protection
	231	: 24...240 V AC/DC, without short-circuit protection, stainless steel tube
	250	: 24...240 V AC/DC, with short-circuit protection
	310	: 5...24 V DC 3 wires, with short-circuit protection
	311	: 5...24 V DC 3 wires, with short-circuit protection, stainless steel tube
	340	: 12...24 V DC 3 wires, with short-circuit protection
	349	: 12...24 V DC 3 wires, with short-circuit protection, increased sensing distance
	370	: 12...48 V DC 3 wires, with short-circuit protection
	371	: 12...48 V DC 3 wires, with short-circuit protection, stainless steel tube
	410	: 12...24 V DC 4 wires, with short-circuit protection
	S20	: 12...24 V DC 3 wires, with short-circuit protection, non ferrous detection only
	S40	: 12...24 V DC 3 wires, with short-circuit protection, ferrous detection only

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

Type of connection		
VII	Blank	: Standard flexible cord (PVC insulation), 2 m length
	L1	: Standard flexible cord (PVC insulation), 5 m length
	L2	: Standard flexible cord (PVC insulation), 10 m length
	L5	: Standard flexible cord (PVC insulation), 25 m length
	P	: Enhanced flexible cord (PUR insulation), 2 m length
	P1	: Enhanced flexible cord (PUR insulation), 5 m length
	A	: Connection by 7/8" - 16 UN / 3 pins connector
	D	: Connection by M12 / 4 pins connector
	K	: Connection by 1/2" - 20 UNF / 3 pins connector
	S	: Connection by M8 / 3 pins connector
	L01B	: "Pigtail" (PVC insulation) 0,15 m length with screw terminal / 3 pins connector
	L01C	: "Pigtail" (PVC insulation) 0,15 m length with EN 175301-803-A / 3 pins connector
	L01G	: "Pigtail" (PVC insulation) 0,15 m length with M18 / 4 pins connector
Additional suffix, operating temperature range		
VIII	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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