

UK Declaration of Conformity

Nr : DN0000143-00**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)** 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&I

Issued at : Harrogate – UNITED KINGDOM**Emission date :** March 18th, 2025**Manufacturer :**
TMSS FranceTour Egho – 2 avenue Gambetta
92400 Courbevoie – FRANCE**UK Representative :**
Yageo TMSS UK Limited2 North Park Road
Harrogate, HG1 5PA – UNITED KINGDOM**Technical Documentation authority :**
TMSS FranceBoulevard Salvador Allende – ZI n°3
16340 L'Isle d'Espagnac – FRANCE

Appendix

Nr : DN0000143-00

List of product models covered by the present UK 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
	30	: 30 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
	P	: NO or NC (output configuration by wiring)
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

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

Nr : DN0000143-00

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

VII	Type of connection	
	Blank	:
	L1	:
	L2	:
	L5	:
	P	:
	P1	:
	A	:
	D	:
	K	:
	S	:
	L01B	:
	L01C	:
	L01G	:
VIII	Additional suffix, operating temperature range	
	Blank	:
	TF	:
	TT	:

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.