

## UK Declaration of Conformity

Nr : JYT5348200-02

**Products identification :**

Type of products : Pressure and vacuum switches for control circuits

Trademark : **Telemecanique Sensors**

Models : **XMLA..., XMLB..., XMLC..., XMLD...**  
(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 60947-5-1:2017 + AC: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

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## Appendix

**Nr : JYT5348200-02**

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

XML	A	160	D	2	C	1	1
I	II	III	IV	V	VI	VII	VIII

I	<b>Product type</b>	
	XML	: Electromechanical pressure and vacuum switch for control circuits
II	<b>Model type</b>	
	A	: Non adjustable differential, one pole contact block
	B	: Adjustable differential, one pole contact block
	C	: Adjustable differential, two poles contact block
	D	: Non adjustable differential, two poles contact block
III	<b>Pressure range</b>	
	...	: ... = 3 digits giving the pressure range (in bar)
	L..	: L.. = 3 digits giving the pressure range (in bar), for low pressure sensing (up to 0,.. bar)
	M..	: M.. = 3 digits giving the pressure range (in bar), for vacuum sensing (up to -.. bar)
	S..	: S.. = 3 digits giving the pressure range (in bar), 30 bar overpressure withstand
IV	<b>Pressure cell type and allowed fluids</b>	
	A	: Nitrile diaphragm, for pressure of air, fresh water and hydraulic oils ( $\leq 70^{\circ}\text{C}$ )
	B	: Viton diaphragm, for pressure of air, fresh water and hydraulic oils ( $\leq 160^{\circ}\text{C}$ )
	C	: Viton + Teflon diaphragm, for pressure of sea water ( $\leq 30^{\circ}\text{C}$ ) and corrosive fluids ( $\leq 160^{\circ}\text{C}$ )
	D	: Piston, for pressure of hydraulic oils ( $\leq 160^{\circ}\text{C}$ )
	E	: Piston, for pressure of fresh water ( $\leq 160^{\circ}\text{C}$ )
	N	: Piston, for pressure of air and corrosive fluids ( $\leq 160^{\circ}\text{C}$ )
	P	: Viton diaphragm, for pressure of viscous products ( $\leq 160^{\circ}\text{C}$ )
	R	: Viton diaphragm, for pressure of air and hydraulic oils ( $\leq 160^{\circ}\text{C}$ )
	S	: Viton + Teflon diaphragm, for pressure of fresh water and corrosive fluids ( $\leq 160^{\circ}\text{C}$ )
	V	: Nitrile diaphragm, for vacuum of air, fresh water and hydraulic oils ( $\leq 70^{\circ}\text{C}$ )
V	<b>Pressure adjustment display</b>	
	1	: Without
	2	: With
VI	<b>Electrical connection type</b>	
	C	: EN 175301-803-A (ex DIN 43650 A) connector
	D	: M12 / 4 pins connector (type Micro Change)
	S	: Threaded hole (see possible types below)
VII	<b>Output contact type</b>	
	1	: 1 or 2 CO (depending on model type), snap action
VIII	<b>Fluid and electrical connection types</b>	
	1	: Fluid : G 1/4 A DIN 3852-Y (female) / Electrical : threaded hole for PG 13,5 cable gland
	2	: Fluid : G 1/4 A DIN 3852-Y (female) / Electrical : threaded hole for ISO M20 x 1,5 cable gland
	3	: Fluid : 1/4" - 18 NPTF (female) / Electrical : threaded hole for 1/2" NPT cable gland
	4	: Fluid : PT 1/4" JIS B0203 / Electrical : PF 1/2" JIS B0202

**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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