

UK Declaration of Conformity

Nr : DN0000470-00

Products identification :

Type of products : Photoelectric proximity switches

Trademark : **Telemecanique Sensors**

Models : **XUK•A••A..., XUK•A••N..., XUK•A••T...**
(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 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.

Didier BARON

President of Telemecanique Sensors PBU

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Manufacturer :
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Appendix

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

XUK	2	A	P	A	N	L2	R
I	II	III	IV	V	VI	VII	VIII

I	Product type		
	XUK	:	Compact photoelectric proximity switch
II	Detection mode		
	0	:	Multi-mode
	1	:	Reflex
	2	:	Through-beam
	5	:	Diffuse
	8	:	Diffuse with background suppression
	9	:	Polarized Reflex
III	Enclosure material		
	A	:	Plastic
IV	Wiring scheme and output type		
	K	:	DC 3 wires, without output (through-beam transmitter), or programmable output (emitter/receiver)
	N	:	DC 3 wires, with NPN output (only for receiver or emitter/receiver)
	P	:	DC 3 wires, with PNP output (only for receiver or emitter/receiver)
	R	:	AC/DC 5 wires, with C/O relay output (only for receiver or emitter/receiver)
V	Output function		
	A	:	NO
	B	:	NC
	C	:	NO and NC (C/O relay output)
	S	:	NO or NC, programmable by "Teach" push-button or "Light ON / Dark ON" switch
VI	Additional function		
	A	:	With beam interruption input (through-beam transmitter), or alarm output (receiver or emitter/receiver)
	N	:	No additional function
	T	:	With time-delay output (only for receiver or emitter/receiver)
VII	Type of connection		
	L••	:	Standard flexible cord (PVC insulation) (•• = one or two digits giving the cable length in meter)
	M12	:	Connection by M12 / 4 pins connector
VIII	Additional suffix for particular function		
	Blank	:	Emitter/receiver
	R	:	Through-beam receiver
	T	:	Through-beam transmitter

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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