



Product Service

Attestation of Conformity

No. N8A 113133 0002 Rev. 00

Holder of Certificate: **AV ACTUATORS LTD**
Unit 12, Lyttleton Road, Racecourse Industrial Estate
Pershore, Worcestershire WR10 2DF
UNITED KINGDOM

Product: **Actuators**
(Electric actuators)

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 64105203087301A

Date, 2021-06-18

(Martin Ma)

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After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



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Model(s): AVA 05X, AVA 10X, AVA 20X, AVA 50X
 AVA 80X, AVA 110X, AVA 200X, AVA 400X
 AVA 1000X, AVA 2000X
 (“x” denotes kind of signal interface: it can be
 T: 4-20mA, B: 485, C: Relay, D: Timer,
 N: Dry contacts, P: PID control)

Parameters:

Rated voltage, rated power:	See below table
Maximum rated mechanical load:	See below table
Over voltage category:	II
Rated Impulse Withstand Voltage (Uimp):	2500 V
Action Type:	Multi-position action
Type of movement	Rotary movement
Travel time:	See table 1 for detail
Maximum Angular rotation:	90° (Open: anticlockwise, close: clockwise)
Number of cycles of actuation (A) of each automatic action:	20000
Degree of pollution:	2
IP protection degree:	IP67
Action type:	Type 1.AB
Protection against electric shock:	Incorporated control of class I equipment

Model	Rated value	Travel time	Maximum rated mechanical load
AVA 05X	AC95~265V, Max. 8W	5s	5Nm
AVA 10X	AC95~265V, Max. 12W	5s	10Nm
AVA 20X	AC95~265V, Max. 15W	10s	20Nm
AVA 50X	AC95~265V, Max. 40W	12s	50Nm
AVA 80X	AC95~265V, Max. 60W	10s	80Nm
AVA 110X	AC95~265V, Max. 100W	10s	110Nm
AVA 200X	AC95~265V, Max. 50W	25s	200Nm
AVA 400X	AC95~265V, Max. 80W	25s	400Nm
AVA 1000X	AC95~265V, Max. 200W	25s	1000Nm
AVA 2000X	AC95~265V, Max. 300W	30s	2000Nm

Tested according to: EN 60730-2-14:1997/A2:2008
 EN 60730-1:2011
 EN 60730-2-14:2019
 EN 60730-1:2016/A1:2019

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