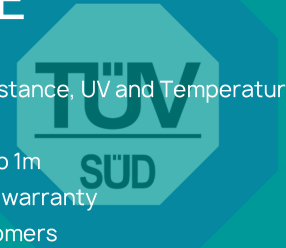




## IP67/NEMA 4X CERTIFIED FOR OUTDOOR USE

- IP67 housing, 100% suitable for outdoor use
- PC+PET material offering improved chemical resistance, UV and Temperature rating compared to other materials.
- Can be fully submerged in water, for 1/2 hour up to 1m
- Basic Series 2 year warranty, Smart Series 3 year warranty
- Tested over £1 million operations by various customers



Version 001: 3/10/22 subject to change without notice

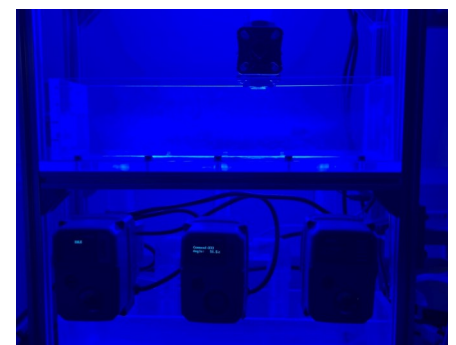
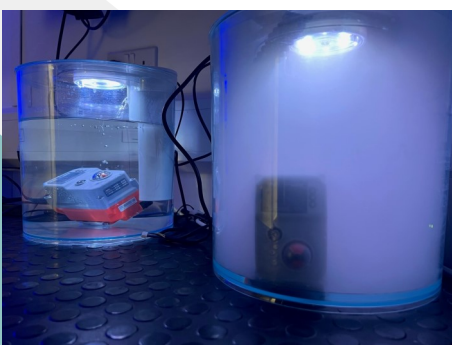
Can I install the actuator outdoors without a cover? This is a question we are often asked, with many customers assuming that a cover should be used but this isn't the case. All of our actuators are IP67 rated and are tested during the manufacturing process through being submerged in water to ensure the actuator is sealed. The actuator has seals in the cover and wherever there could be potential ingress through the cover. This includes the manual override shaft, cable connector / wiring box, cover and base and even the Smart series screen has a UV rated, waterproof label and screen protector.

TUV CE and EMC certified to ensure the highest quality: all of our actuators have been independently tested by TUV to the latest CE and EMC standards with full certification available via our website. Our actuators are self certified REACH and RoHS compliant ensuring that the materials used to manufacture our actuators are regulated and compliant.

Warranty is 1-2 years for Basic actuators and 2-3 years or 60,000 operations for Smart series. *Subject to Terms and Conditions.*

### What testing have AVA and its Customers performed on our actuators?

Ingress Protection:	Actuators are fully submerged in water and electrically tested.
Life Cycle Testing:	We regularly test our actuators over 100,000 cycles. Our customers over 1,000,000 operations
Humidity Testing:	We are able to simulate high humidity testing to recreate different climates
Vibration Testing:	Our actuators are suitable for high vibration applications, tested to Government standards
UV Testing:	Actuators are installed outdoors all over the world. We have actuators installed externally for testing
CE Standard:	All our actuators have been TUV tested to the standard EN 60730-2-14: 1997/A2: 2008
UL and CSA:	AVA are currently approving our actuators to the latest CSA and UL approvals. Certification expected 2023
EXD Rated:	Currently we have EXD rating for Zone 1-2 for Series 20, 80-110 only. ATEX Approval coming soon.



\*In House testing includes ingress, humidity, UV and outdoor testing and life cycle continuous operation testing.

English version. Available in Spanish

