



**BGB Marine**  
Underwater Light & Vision

## ARMG Underwater Connectors

### Quick Start Guide



**Issue 1.0**

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**Please Note: Failure to observe the following, precautions will result in the malfunction of electrical connections and the equipment served by them and may invalidate the warranty.**

1. Before connecting, ensure that all mating surfaces are clean and free from any foreign material. Visually check each connector for damage, paying particular attention to the half o-ring, moulded onto the male spigot. Do not use damaged connectors.
2. Mating surfaces must be free from moisture and lightly lubricated with BGB silicone spray (BGB Part No: C2894), or equivalent. Other types of lubricant may damage the mouldings.
3. Ensure the correct orientation of contacts before mating, by aligning the blisters (aligning marks) on each connector body. Only moderate force is required to effect closure.
4. When making and breaking connections apply an “in-line” force to the connector body only. Under no circumstances should the connectors be subjected to twisting or bending. Do not pull on the cables when separating the connectors.
5. There are no voids within a mated pair of ARMG connectors and entrapped air is expelled with a slight pop as connection is completed. Should this not occur, finger and thumb pressure across the skirt of the female will secure air release and allow full closure.
6. Mated connectors must be secured with appropriate locking sleeves to avoid damage and accidental disconnection.

### **Precautions**

- a) Avoid stress on mated connectors by mechanical loading or severe bending of the cable at the exit point.
- b) Un-mated connectors on the pen group, or in any other location where the ingress of water or solid material is likely, should be capped off with dummy connectors.
- c) Do not use cleaning solvents.

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