

PRODUCT INFORMATION – BON.903-15.XX CONTROL UNITS FOR VARIABLE PITCH PROPELLER SYSTEMS



BON.AHD903-15, BON.AHD903-15.1, BON.AHD903-15BR, BON.AHD903-15BR1 & BON.AHD903-IP

Smart. Reliable. Proven.

The AHD 903-15 is a modular, marine-certified analogue data acquisition module by Böning, designed for distributed alarm and monitoring systems on board ships.

For bow thrusters with adjustable-pitch propellers, the system consists of two units:

- Bridge Module (PULT) – fitted with a relay unit
- Main Module (BUG) – fitted with an impulse length control module and installed in the bow thruster control cabinet

Key Benefits

- IP20 protection – ideal for indoor console installations
- Flexible inputs – 15 channels, each with plug-in modules matched to sensor type
- CAN-bus communication – supports decentralised architectures and redundancy
- Multiple interfaces – serial connections, relay outputs, horn control, and alarm acknowledgement
- Marine-class certified – by DNV-GL, ABS, LR and others

Replacement & Spares

Two software versions exist – Bridge (PULT) and Main (BUG) modules must have matching software levels:

- Version 1:
 - Main Module (BUG) – BON.AHD903-15 (Art. 8853), Software V4.0
 - Bridge Module (PULT) – BON.AHD903-15BR (Art. 8852), Software V2.2
- Version 2:
 - Main Module (BUG) – BON.AHD903-15.1 (Art. 14829), Software V4.1
 - Bridge Module (PULT) – BON.AHD903-15BR1 (Art. 13214), Software V3.

Ordering Made Easy

To ensure the correct variant and configuration, please provide:

- A copy of your Zoller system drawing or parts list, or
- The original Zoller project number, or
- A photo of the Zoller nameplate (inside the bow thruster control cabinet)

Tip: You can also remove the top panel of the unit to check the software revision on the EPROM.

Contact us now for further information or a quotation.

