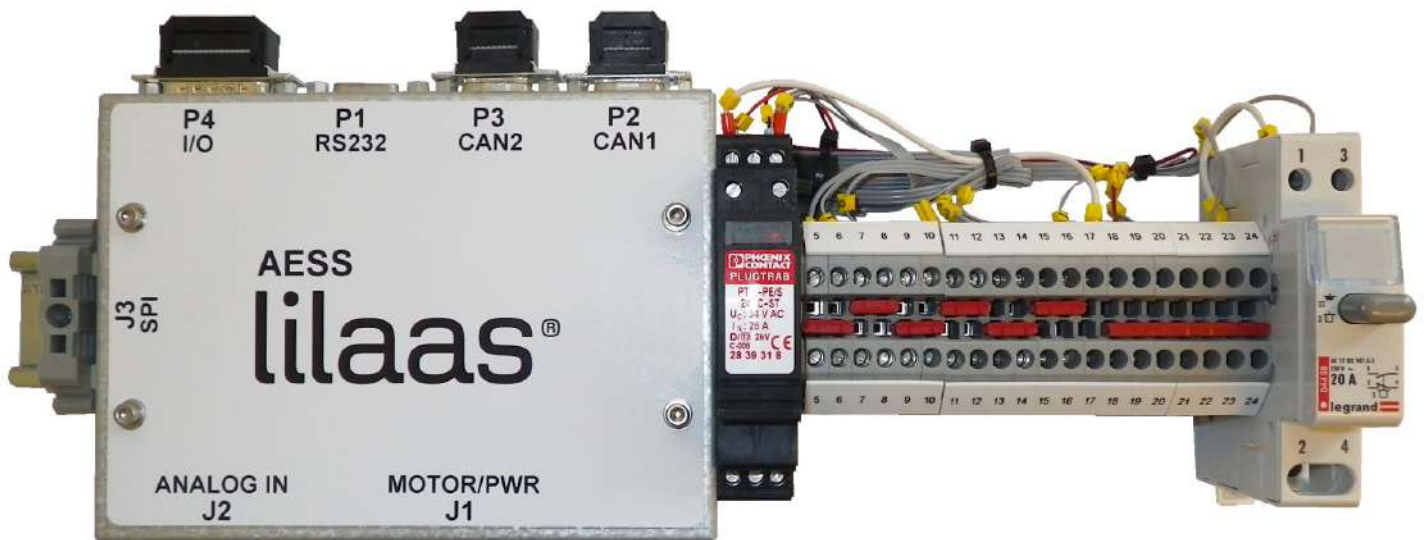


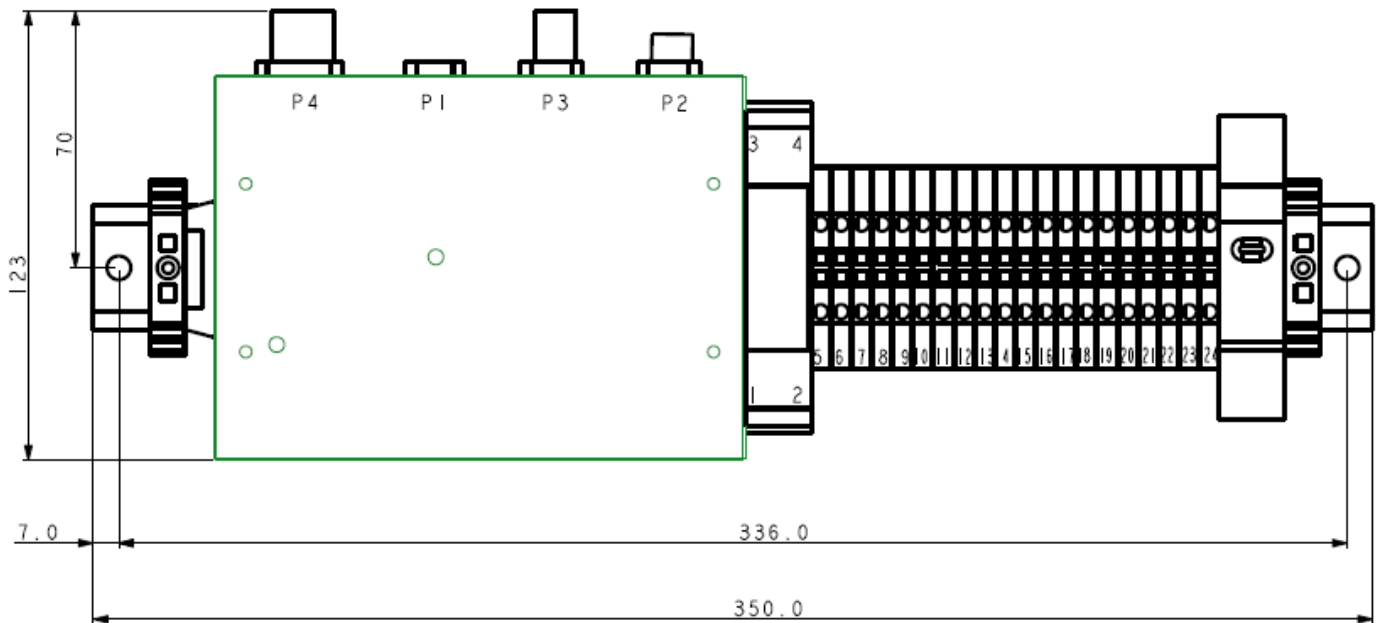
## AESS Electronic shaft system



AESS (Electronic Shaft System) is developed by Lilaas AS. It's a network system for up to 8 control lever positions and up to 4 propulsion engines in one redundant network. Each control lever is a node in a network and consists of one control lever with servo systems and an electronic unit. The system administrates the master position selection, slave positions and fault detection.

The network is based on the CAN bus standard (Controller Area Network.) The CAN bus is a well proven standard originally designed for vehicles. Due to its simplicity and operability in harsh environment this standard is used in a wide range of applications, such as industrial, medical and nautical. The network in AESS is dual redundant with two physical separated buses.

# AESS Electronic shaft system

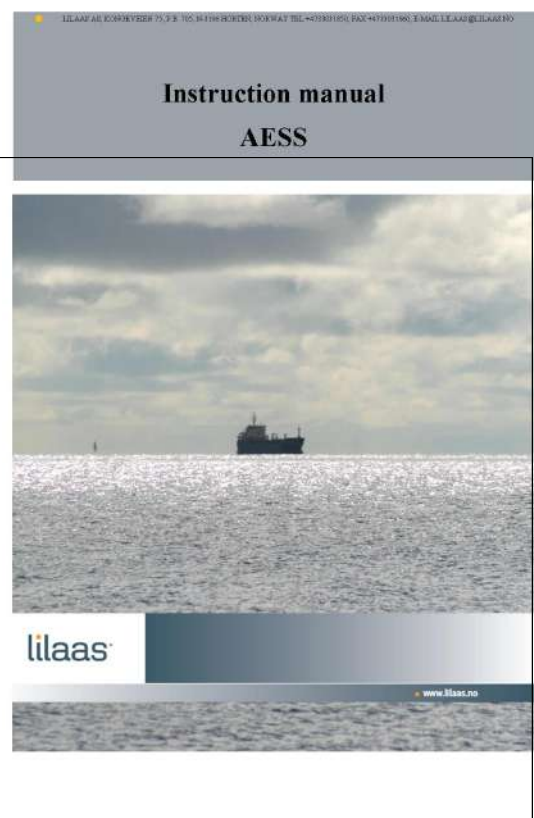


This electronic shaft system is very flexible, and can be used in a wide range of applications with our control units. Such as:

- Propulsion control levers
- Thruster control levers
- Rudder control
- General purpose joysticks 1, 2 and 3 axes
- Combinations of above mentioned

The AESS is delivered with 1,5 meter cables and Instruction manual.

Options on request.



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