



esiMot Hygienic

**Integrated servo drive
in hygienic design**

The esiMot Hygienic is a compact servo drive with a stainless steel housing. The motion controller and the servo drive thus form a coordinated unit within a single housing. The servo drive has an IP69K protection

rating, complies with EHEDG guidelines, and is available in various sizes.

It is ideally suited for the food and beverage industry, as well as the pharmaceutical and packaging sectors.



Stainless steel motor with
integrated electronics



About

esiMot Hygienic

Motor power supply: 48 V DC
Rated current: up to 30 A

Rated power: <0.7 kW
Rated torque: <3 Nm

Our stainless steel servo motors are designed for use in production environments with high standards for hygiene, corrosion protection, and cleanliness.

Our engineers have adhered to EHEDG guidelines in their design.

Thanks to their smooth surface and sleek design, the IP69K drives are not only suitable for use in the food and beverage industry but also meet the requirements of the chemical and pharmaceutical industries.

These integrated servomotors are waterproof, corrosion-resistant, wash-down-rated 48 V servo motors with low self-heating (<60 °C at the housing).

esiMot Hygienic Compact Servo Drives are designed to withstand high-pressure cleaning with acidic and alkaline industrial cleaning agents.

They are CIP- and SIP-compatible and therefore "food safe."

They are available with cable glands and, optionally, with stainless steel connectors.

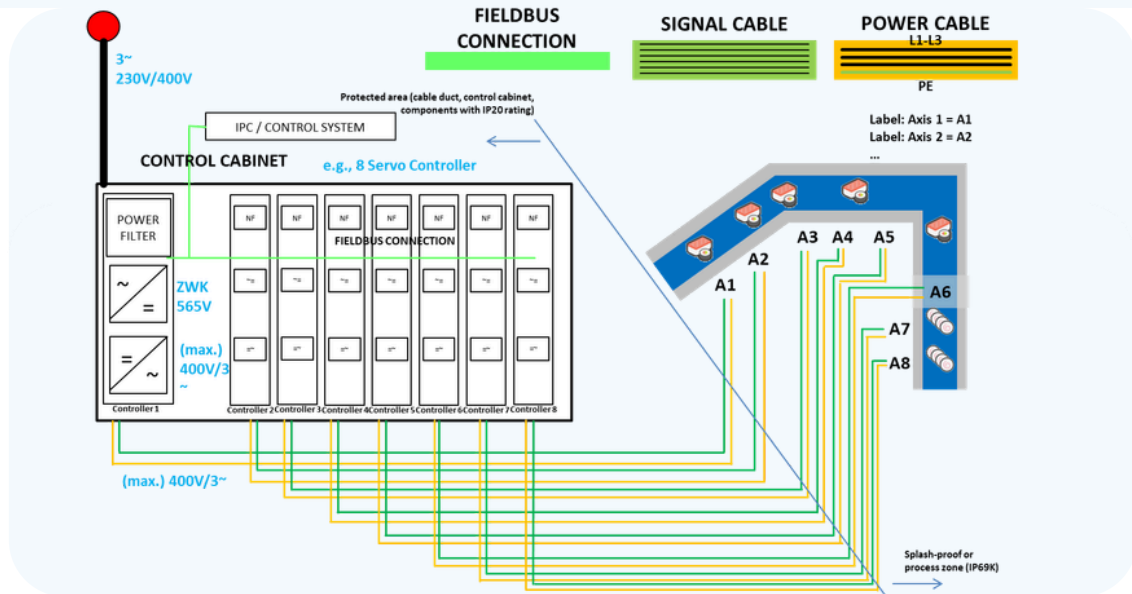
These servo motors can be integrated with the common industrial fieldbuses PROFINET, EtherCAT, and CANopen*.

They are also available with planetary or bevel gearboxes in a hygienic design.

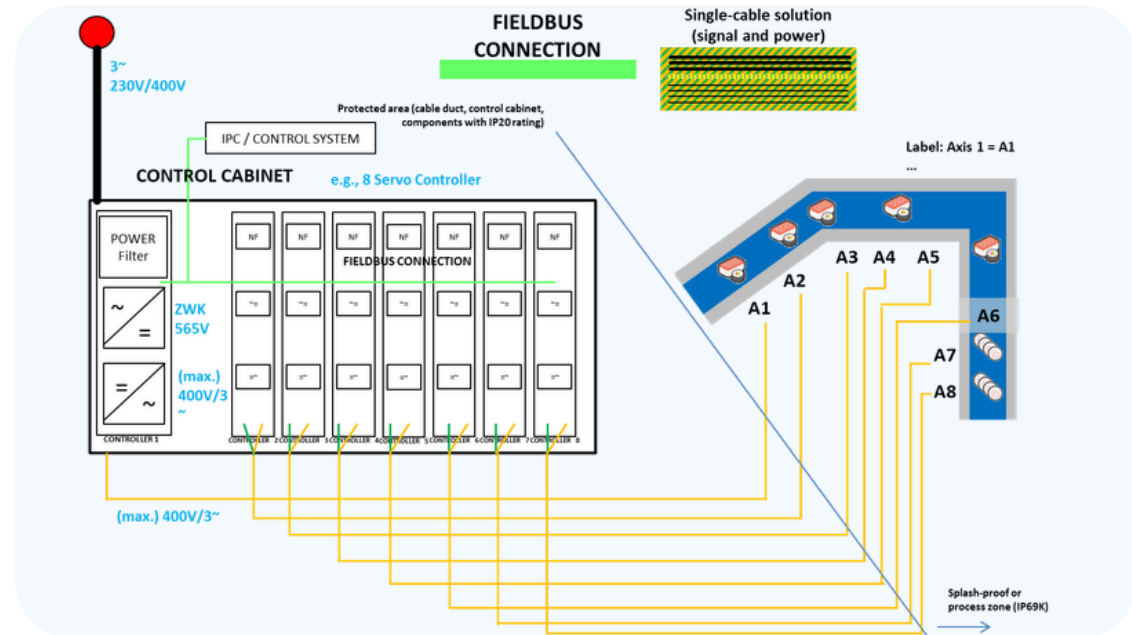
*Under development; additional field-bus interfaces available upon request.



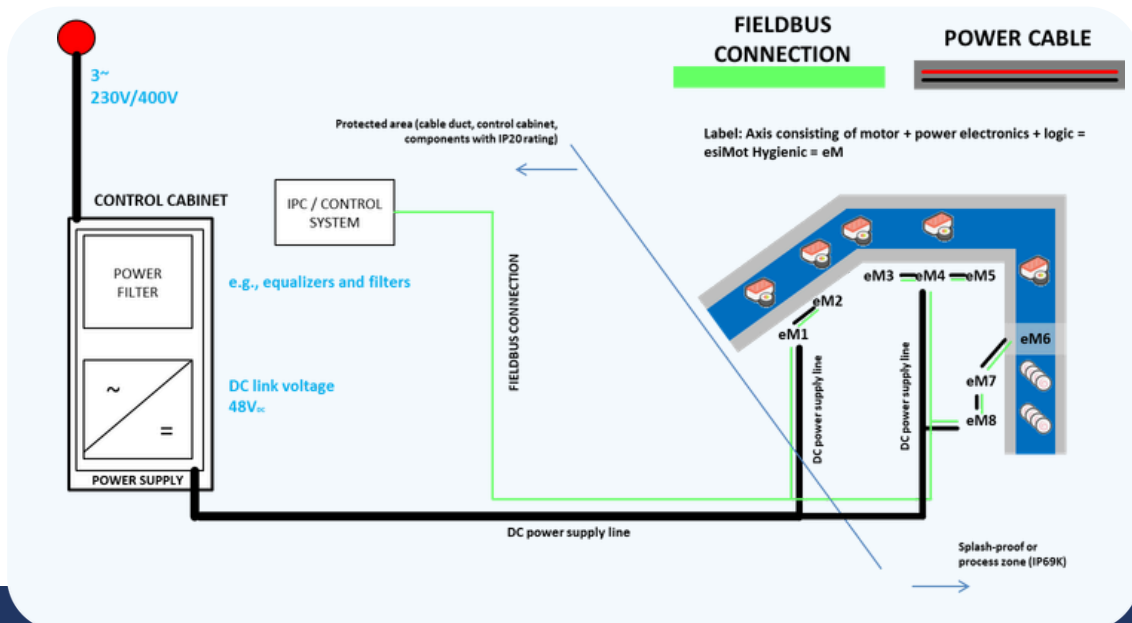
Centralized two-cable solution



Centralized single-cable solution



Decentralized solution



Your experts in
**Drive Technology
and integrated servo solutions**



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*Managing Director of esitron-electronic GmbH
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“ The advantages of our decentralized drive solutions for the food and pharmaceutical industries are clear. ”

- Hygienic design of the actuators (no dirt traps, smooth surfaces, washdown, clean)
- Reduced cabling requirements
- Fewer cables = less surface area for cleaning agents to affect
- No control cabinet is needed anymore
- Modularity in machine architecture



Electromechanical drive technology for mechanical and plant engineering since 1924.

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