



esiMot Hygienic

Hygienically designed Integrated Servo Drive

The esiMot Hygienic is a compact servo drive with a stainless steel housing. The motion controller and the servo motor form an integrated unit within a single enclosure.

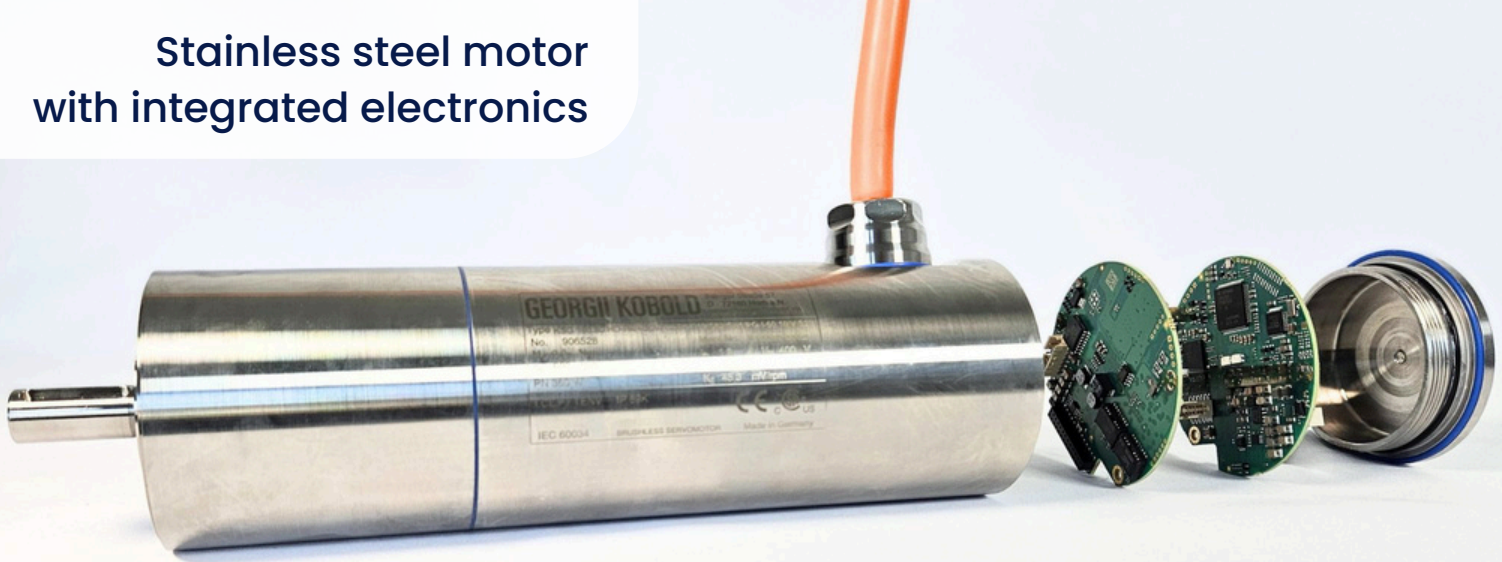
This decentralized servo drive (stainless steel motor with built in elec-

tronics) has an IP69K washdown rating, complies with EHEDG guidelines, and is available in multiple sizes.

The esiMot Hygienic 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: up to 0.7 kW
Rated torque: up to 3 Nm

Our stainless steel IP69K servo motors are engineered in accordance with EHEDG guidelines and are designed for use in production environments with high standards for hygiene, corrosion protection, and cleanliness.

Thanks to their smooth surface and streamlined design, these compact servo 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, and washdown-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 developed for CIP- and SIP-processes for effective cleaning and sanitation in hygienic environments.

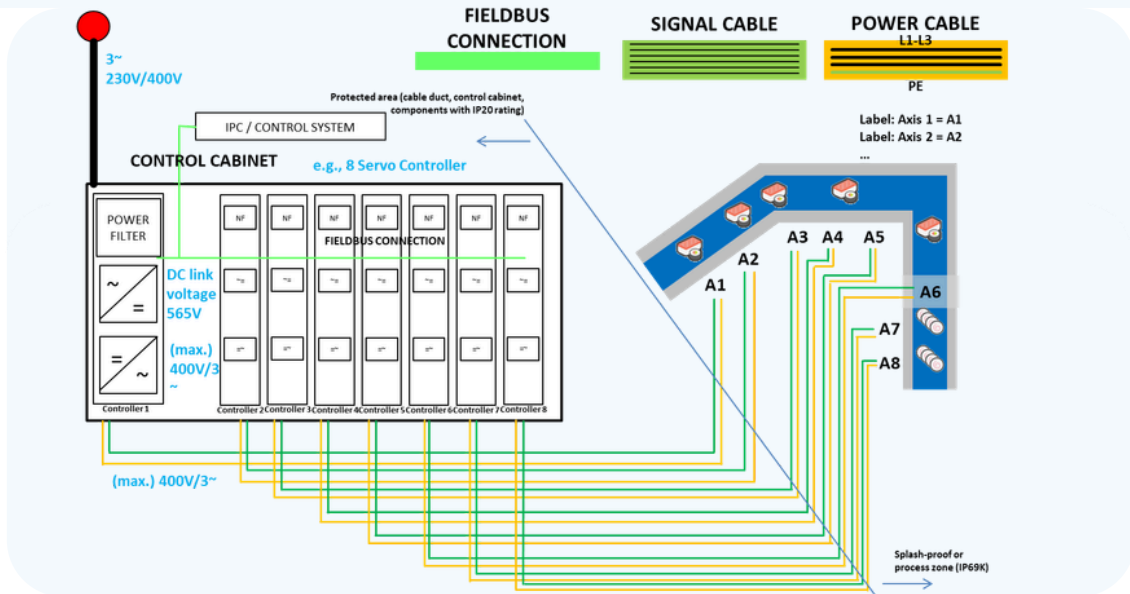
The esiMot Hygienic is available with cable glands and, optionally, with stainless steel connectors. They can be integrated into systems using common industrial fieldbuses like PROFINET, EtherCAT, and CANopen*.

They are also available with integrated planetary or bevel gearboxes.

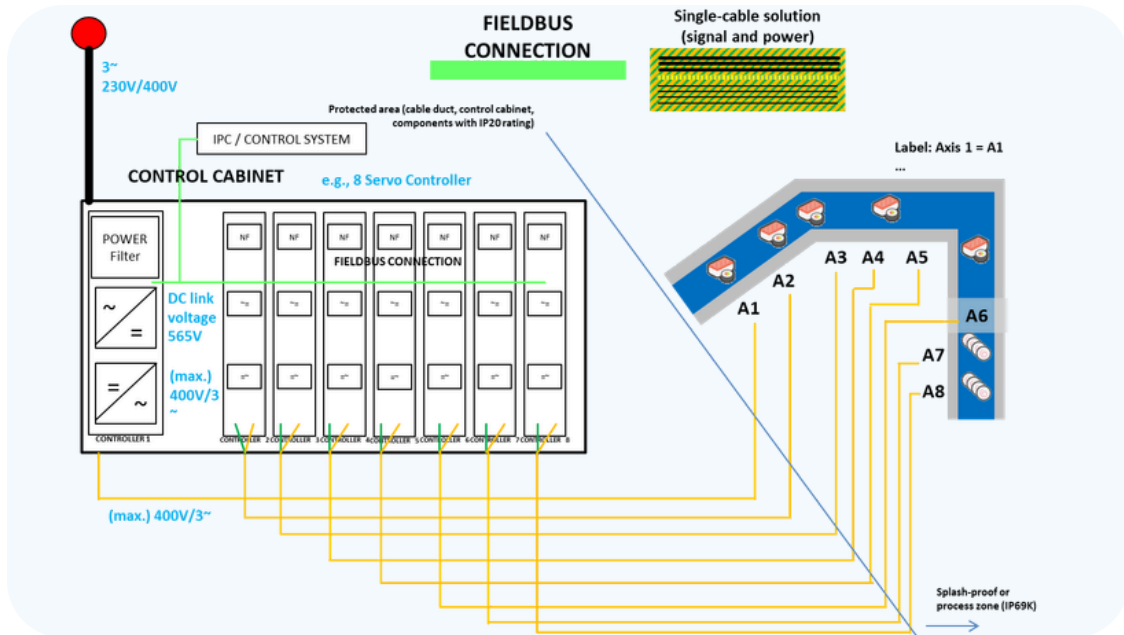
*Under development; additional fieldbus interfaces available upon request.



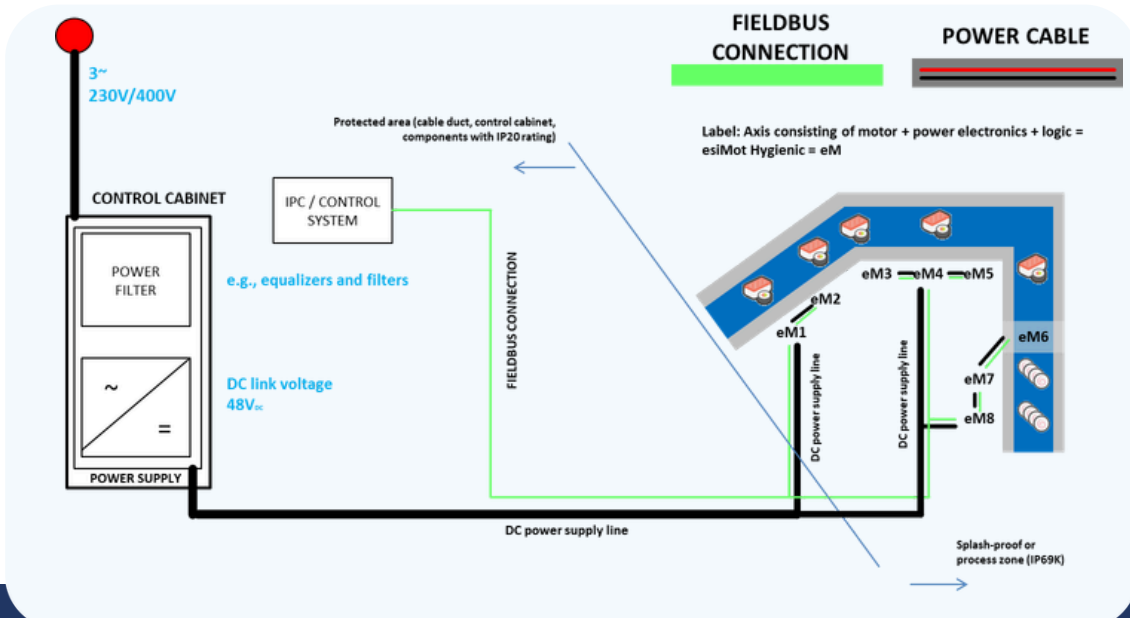
Centralized two-cable solution



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
and Georgii Kobold GmbH & Co. KG*

” *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.

The companies of the
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