

# Speed converter replacement

The Speed converter replacement takes over the original Deuta werke tacho converter for monitoring speed through a sensor and displaying it on the tachometers.

Everllence GenSet engines have brought value to owners of power plants and vessels for many years. GenSet engines built two or more decades ago continue to deliver value today. However, some electronic equipment is no longer produced, and spare parts are not available. One example is the Deuta werke tacho converter. If it fails, the vessel crew or power plant staff must take the GenSet out of operation.

## **Proactive replacement lowers the risk of downtime**

Replacing a Deuta werke tacho converter with a new model takes time when it has not been planned in advance. A tacho converter failure may therefore lead to prolonged downtime. By proactively replacing it, you can avoid this risk.

## **Speed converter replacement developed for Everllence GenSet engines**

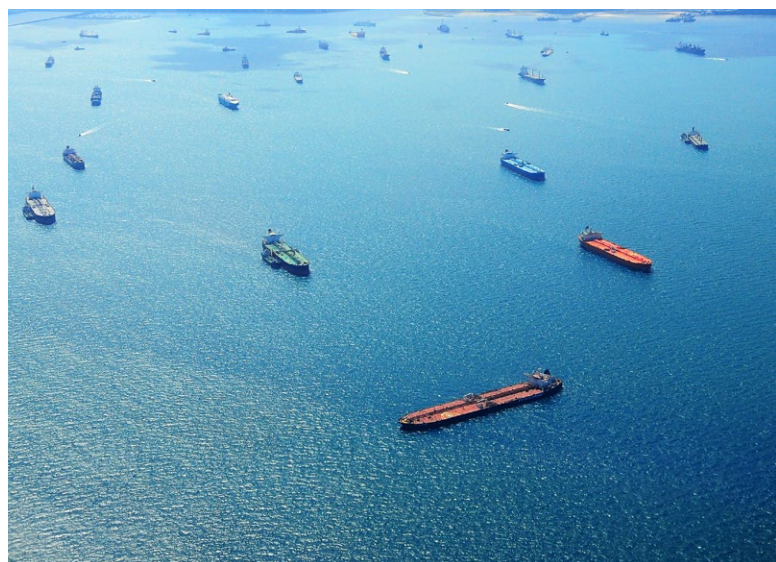
Everllence PrimeServ has developed the Speed converter replacement specifically to replace the Deuta werke tacho converter.

The Speed converter replacement contains a so-called MAS module, which is a PLC with preconfi-

gured software. The design includes a pulse-type pickup sensor mounted at the engine gearwheel. The sensor pulses are converted to 4-20 mA signals, which are transmitted to the tachometers. It can also be used to shut down the engine at over-speed, display tacho failures, and start the engine in safe mode, depending on the requirements.

As the replacement work requires specific product knowledge, a Everllence PrimeServ service engineer will take care of the installation.

Please contact your Everllence PrimeServ office for more details.



# Speed converter replacement

Enhance engine safety with advanced speed monitoring

## Key benefits

- Updated speed converter system, improving the component's lifetime, functionalities, and operational uptime
- Updates the speed converter to a software-based platform
- Increases engine reliability
- Easy electrical installation, requires very few modifications on the engine

## Scope of supply

- MAS module
- Start box with overspeed lamp (for installation inside the cabinet)
- Relays (for installation inside the cabinet)
- Cabinet and rubber dampers (only if the existing cabinet cannot be used)
- Cable and electrical wires
- Installation accessories
- New electrical drawing

## Applicable to

Available for the engine types L23/30H and L28/32H

## More information

Contact your local Everllence PrimeServ office for more information about the product and how the upgrade can improve your specific engine.

## Everllence PrimeServ

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