

Electro Hydraulic System (EHS-EX) for marine vessels and offshore installations

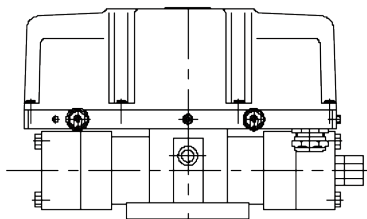


PLEIGER MASCHINENBAU

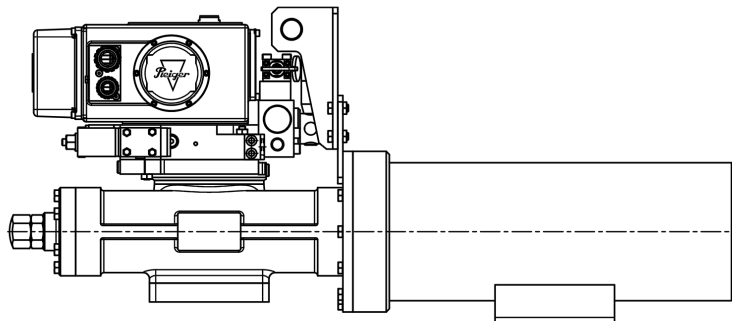
Arctic Innovation

Customized **Innovations** ... a perfect solution!

Pleiger was the first to introduce electro-hydraulic actuators to the shipbuilding markets.
This revolutionary innovation benefits all, the designer, the shipyards and the ship owners significantly.



invented in 1994



brought to perfection in 2014

Now ... we go one step further and extend the field of applications:

The **NEW EHS-EX Power Unit for hazardous area offers available features like:**

- _ Suitable for installation in arctic conditions down to **-55°C**.
- _ Suitable for installation on open deck.
- _ Available with quick closing function.
- _ Closing time according your needs (approx. 14 to 60 sec.).
- _ Available with directly fixed hand pump.
- _ With or without inner heating system.

For installations on:

Ball Valve
Butterfly Valve – Cryogenic Valves

Possible operation/functions:

Double - and Single Acting
Open / Close or Continuous Feedback



INNOVATION FOR SAFETY



Tradition in **Perfection**

Versatile application

The sophisticated design of our EHS-EX Power Unit in combination with our wide range of hydraulic actuators offers you a unique solution for your individual requirements.

Double Acting	Single Acting
Type : EHS-EXD/15 ... 1400	Type : EHS-EXSG/15 ... 1400
Torque : 174 Nm ... 14.000 Nm	Torque CL : 174 Nm ... 14.000 Nm
Operation : OP / CL or Continuous	Torque OP : 73 Nm ... up to 6.625 Nm
	Operation : OP / CL or Continuous
In Explosion Proof Version: II 2G Ex d IIC T4 at -55°C / +70°C II 2G Ex d IIC T6 at -25°C / +40°C Further Ex-details see catalogue sheet	
Installations: Dry, Submerged or Submersible, as well as for installation on Open Deck	



Pleiger Control Module (PCM)

... a **perfect combination** with the **NEW** EHS Power Units!



The well-known Pleiger Control Module offers easy operation and feedback of the new EHS-EX Power Units. By using the Parameter Setting Tool (PST) the CM4 module can quickly be switched to a certain (secured) closing time. In the arctic as well as in the tropics, the CM4 module guarantees the adjusted closing time independent from the ambient temperature. The control can be realized by a modern interface to any visualization system or, as an "old school" solution, by connection to push buttons and LED's of a Mimic diagram. Especially the comfortable back-up operation including a status indication is unique in the market.



Tradition and Experience

More than 6,000 vessels equipped by Pleiger prove that Pleiger is the experienced and reliable partner that shipyards and ship owners can depend on, anytime and anywhere. Pleiger combines the innovative power of a German high-tech manufacturer with the down-to-earth character of a tradition-conscious family-owned company with long-term prospects and its own training and research centre. As a member of the Pleiger Group, with over 650 employees worldwide, Pleiger stands for stability and sustainable growth.



INNOVATION AND QUALITY – MADE BY PLEIGER!

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