

What if You Could Have Intelligent Valve Remote Control?

Introducing the new Damcos LPU series from Emerson

- Ensure safe and efficient valve performance
- Ease installation challenges
- Achieve system flexibility



Local Intelligence

The intelligence is moved from IO level to the local power unit and enables minimum time spent on configuration and adjustments.

- Local control & LED feedback
- Safe handling & unit protection
- Simple IO control

Automatic Functions

The automatic functions are developed to ease setup and commissioning with no need for internal access.

- Self-learn
- Feedback adjust
- Analog calibration

Modular Design

The LPU is designed as a modular principle to improve flexibility and ease installation, simplifying assembly and spare part exchange.

- Main Block & Tank
- Motor & Pump
- Encapsulation & Connection Box

Electro-Hydraulic Valve Remote Control System

Damcos Local Power Unit


The Damcos LPU is the key component of the Electro-Hydraulic Valve Remote Control (VRC) system and is customized to meet your expectations and preferences, adding safety and easy handling to your VRC system. The new LPU program presents three models, Basic, Plus and Elite, offering a selection of functionalities.


The Electro-Hydraulic Valve Remote Control System, requiring only electrical cables and no hydraulic piping, makes it possible to optimize ship construction and fasten the process. With local intelligence, modular design and the LPU program architecture, our solution **ensures safe and efficient performance as well as system flexibility.**

Plug and Play Mounting Solution

When it comes to mounting the connections, it is made quite simple yet safe, with a plug and play solution, where you dismantle the connection box. To protect the internal core from the surrounding hazards, like welding, painting, water inlet, humidity etc. the user interface is separated from the internal core by IP 68 separation,

Not only does this ensure internal core protection, but also disconnect all electrical powers. The connection box contains all necessary mounting in the box itself, enabling the installer to step away from the unit for installation. A most convenient feature when situated in tight spaces or upside down.

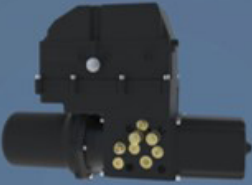




LPU Basic

Safety and Easy Handling

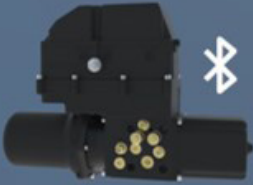
- Variable Pump
- Automatic Bleeder
- Connection box and IP68
- Internal Intelligence
- Modular Design



LPU Plus

Plus Functionality

- Local Control by magnet
- Local LED feedback
- Intelligent Sensors
- Large motor/pump
- Variable Pump
- Automatic Bleeder
- Connection box and IP68
- Internal Intelligence
- Modular Design



LPU Elite

Elite Functionality

- 4-20 mA Control/Feedback
- Bluetooth
- Local/Remote (ESD)
- Local Control by magnet
- Local LED feedback
- Intelligent Sensors
- Large motor/pump
- Variable Pump
- Automatic Bleeder
- Connection box and IP68
- Internal Intelligence
- Modular Design

CONTACT US

Please contact our experts for further information:

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