

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

LPU Basic; Centralized intelligence enables optimized unit cost and minimum electrical wiring

LPU Plus/Elite; Decentralized intelligence enables minimum time spent on configuration and adjustments and open for below features.

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

Automatic Functions

Developed to ease setup and commissioning both in the centralized and decentralized applications

Centralized intelligence; Self-learn (Controller)

Decentralized intelligence; Self-learn, feedback adjust, and analog calibration is available, and all functions are easily accessible from outside the unit

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 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.

		
<p>LPU Basic</p>	<p>LPU Plus</p>	<p>LPU Elite</p>
<p>Safe, Flexible & Efficient</p>	<p>High Operator Usability</p>	<p>Configurable Usability</p>
<ul style="list-style-type: none"> • Variable Pump • Automatic Bleeder • Connection Box and IP68 • External Intelligence • Modular design 	<ul style="list-style-type: none"> • Automatic Functions • Local Control by magnet • Local LED feedback • Variable Pump • Automatic Bleeder • Connection Box and IP68 • Internal Intelligence • Modular design 	<ul style="list-style-type: none"> • 4-20mA Control/Feedback • Bluetooth • Configurable Aux-In/Out • Intelligent Sensor • Automatic Functions • Local Control by magnet • Local LED feedback • Variable Pump • Automatic Bleeder • Connection Box and IP68 • Internal Intelligence • Modular design

CONTACT US

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