



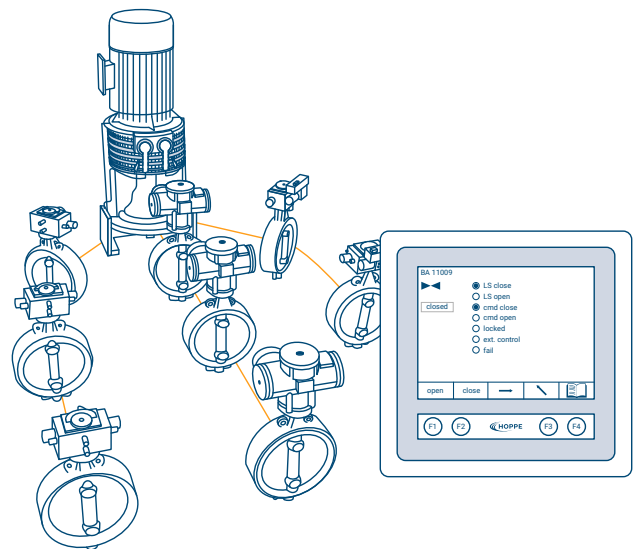
VALVE REMOTE CONTROL

Over 1500 Vessels are Operated with Hoppe Marine's Proven Valve Remote Control Solutions

Hoppe Marine's remote valve control solutions are available for pneumatic, hydraulic, electro-hydraulic or electric actuation of valves, as well as for control of pumps used in ballast, bilge, fuel oil and liquid cargo systems. Save-return-to-port functionality is also a proven solution.

KEY FEATURES

- All main components are in-house designed and engineered
- Experienced and customer related project engineering
- Approved by major classification societies



SYSTEM DESIGN

PNEUMATIC

- Operates on standard on board working air without special air treatment
- Cost efficient system solution
- Environmentally friendly
- Weight and space advantages
- Smart actuator design with integrated feedback signal and connections
- Significant installation savings by using Hoppe's unique hybrid connection cable HOCAB

HYDRAULIC

- Smart actuator design with integrated stop valve, flush function and quick connections for portable handpump
- Weight and space advantages
- Compact solenoid valve manifolds with emergency operation function
- Reliable central hydraulic power unit (HPU) with bladder accumulator
- Wide torque range

ELECTRO-HYDRAULIC

- Modular design based on Hoppe's hydraulic actuator series
- Lightweight and compact local power units (LPU)
- Oil level visibility for easy maintenance
- Individual solutions with explosion prove LPU or separate control boards
- Smart control concept with hybrid motor starter solution

BUS CONTROLLED

- Automatic failure and closed loop detection
- Individual configuration of actuator via BUS control
- Local control mode for LPU
- Easy address setting via PLC unit HOMIP
- Installation savings by cable loop design
- Space savings due to reduced cabinet dimensions
- Save-Return-to-Port ready

OUR PRODUCT RANGE

CONTROL SYSTEM

- Valve Remote Control
- Anti-Heeling
- FLUME Box Tank — Roll Damping
- INTERING U-Tank — Roll Damping
- Dock Control
- Floating Condition Control

MEASURING SOLUTIONS

- Tank Content Measurement
- Bunker Management
- Draught Measurement
- Dynamic Draught and Floating Monitoring
- Maihak Shaft Power Meter
- Maihak SHaPoLi
- Fuel Consumption Measurement
- Electronic Inclinator

INFORMATION SERVICES

- Performance Monitoring
- Crew Connect
- Fleet Connect

FLEET SERVICES

- Technical Support
- Spare Parts
- Service On Board
- Retrofit

