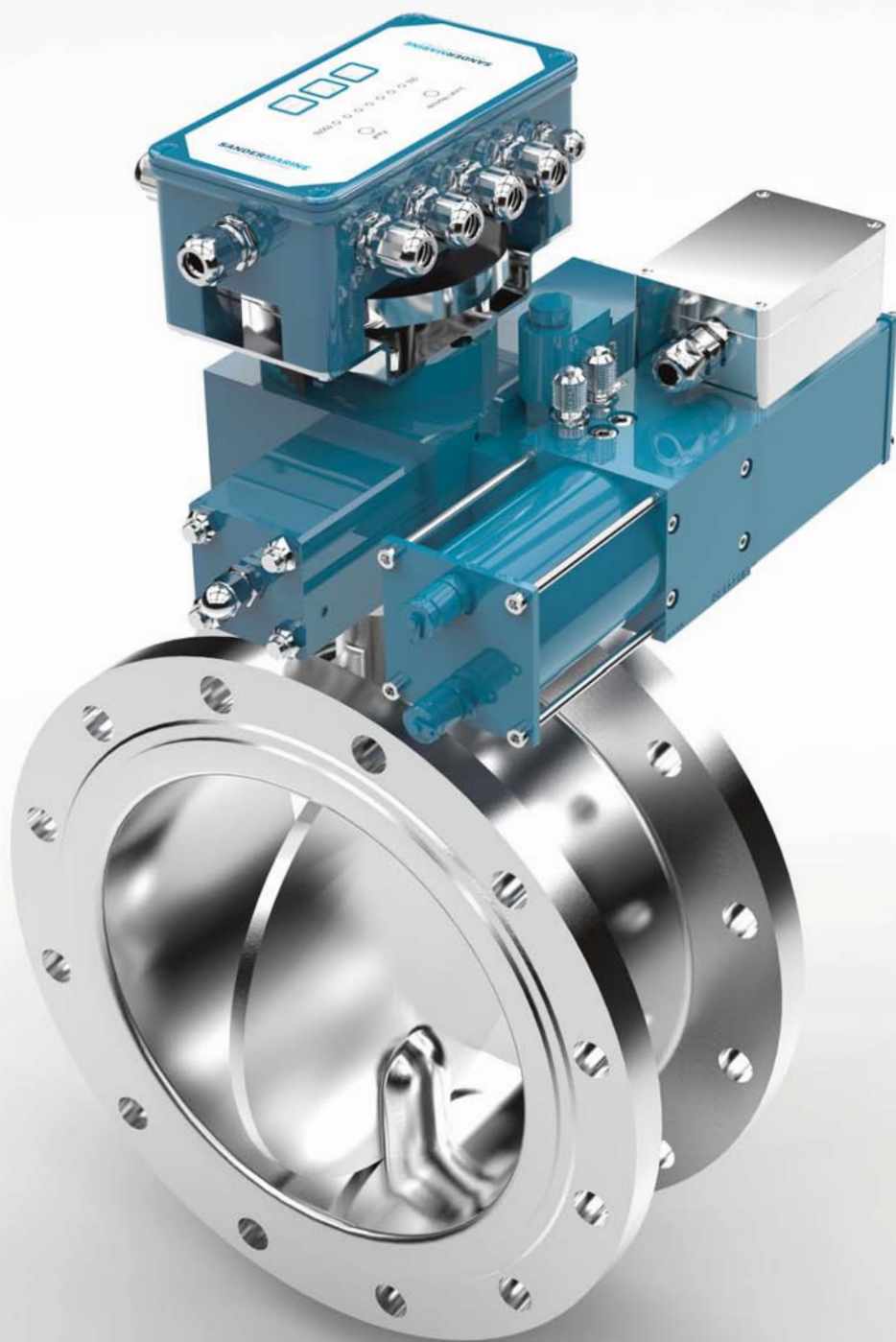


SANDERMARINE

MARINE + OFFSHORE EQUIPMENT

SANSWITCH.3





CONTROL UNIT FOR ELECTRO-HYDRAULIC POWER UNITS

The power you need. Intelligent control and monitoring of electro-hydraulic actuators.

The SANSWITCH.3 control and local power unit replaces the solenoid valve cabinet and a central hydraulic power unit – easy power supply wherever you need it.

Our engineers have equipped SANSWITCH.3 with some very well thought out features as standard:

/ modbus RTU interface

/ local or remote control

/ self-teaching function

Commissioning and maintenance have never been so easy. All operations can be carried out by one person. In case of emergency local operation is possible while preventing operation from the control station.

SANSWITCH.3 is used for double and single acting hydraulic actuators for ball valves and butterfly valves. It is suitable for all SANDER 90° part turn hydraulic actuators.

The protection class IP 68 ensures seawater and oil resistance, and thus allows flexible application in dry and damp areas, and even in the bilge.

A time-out stop is installed which reacts in case of high temperature, blocked valves, or low pressure.

Blockage removal and error indication by runtime control: The system expects the valve to be closed within a fixed time. In case of blockage the valve opens and closes several times to flush out the blocking object. If this fails an error indication appears on the control panel.

Discover the adaptive intelligence of SANSWITCH.3. To give but one example, the system allows quality control of valve and actuator: Simple evaluation of runtime will indicate necessary maintenance work. According to your individual requirements, our engineers translate your ideas into action.

The Features:

/ protection class: IP 68 (30 minutes / 2 metres)

/ adaptive intelligence: SANSWITCH.3 has a self-teaching function

/ redundant RTU field bus system allows loop structure

/ DNV-GL type approval procedure currently undergoing

/ monitoring | control of: positioning process, valve position, run time, operating temperature, motor current

/ autonomous blockage removal and error indication

/ easy changeover from remote to local control of remote operated valves and sensors

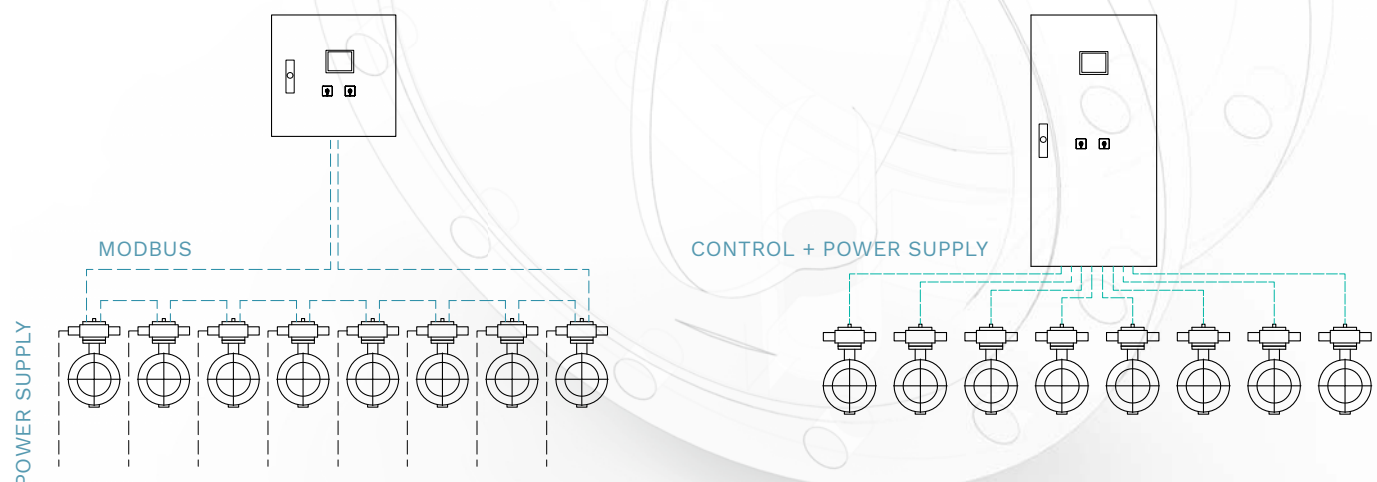
/ our engineers will configure the behaviour of SANSWITCH.3 according to your requirements (e.g. stop position, runtime etc.)

/ seven-part LED striplight indicates valve position

/ benefit from the option of analogue sensor signals, e.g. for pump control valves: Save time and cable work!

/ 2nd installation option for control card: on-site mounting into the control cabinet

Your Choice: Modbus Interface or Hard Wire Solution



More details on request: www.sandermeson.com



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**ARMATUR
TEKNIK**

The SANDER MESON group is your global one-stop shop from the initial plan to on-site fitting for valves, actuators and complete remote valve control systems. When you think of flow technology, think of SANDER MESON.



INDUTRADE is a Swedish industrial group that conducts development and sales of high-tech components, systems and services. To date, some 200 members, among them the SANDER MESON group, contribute to the technical excellence and a strong customer focus.