

JOWA DIESELSWITCH MKII DS32

Product item: 100



The purpose of the DIESELSWITCH MKII, is to safe and automatic change over from high sulphur fuel to low sulphur fuel and optional to adjust blend fuel according to permitted sulphur content in corresponding Emission Control Area (ECA).

The DIESELSWITCH MKII will automatically precede a controlled change over or blending process with digital data storage and optional print out of all relevant parameters in combination with an Approved Fuel Change over Record Book. Both items are to be used, to prove that correct fuel oil is used before entering specific ECA.

The JOWA DIESELSWITCH MKII features are:

- Controlled operation below max. Permissible temperature gradient

- Control of min. permissible fuel viscosity
- Compatibility Check between both fuel oils prior any operation
- Economical benefit, when operating Blend Fuel in SECA
- No risk of incidents, where frequent change over is necessary due to Vessels trading route

Because of simple and universal design the DIESELSWITCH MKII is easy to install. We supply our JOWA DIESELSWITCH MKII as a "TURN KEY PRODUCT".

Beside DIESELSWITCH MKII we strongly recommend our Homogenizer for safe operation during change over or in blend fuel operation to avoid any instability or incompatibility of blend fuel resulting in sludge forming and flocculation.

Scope of supply for DIESELSWITCH MKII:

Complete mounted and tested unit on common frame including:

- 1 set controlled mixing valve
- 3 set non-return valves
- 3 set thermal isolation pieces
- 3 set temperature sensors
- 1 set static mixing pipe
- 1 control cabinet with Touch Panel and installed software
- 1 pc Communication module for 2nd display
- 1 SD card for data storage

Separate delivered valves and fittings for installation in fuel system:

- 2 set pneumatic shut off valve
- 1 set temperature sensor for installation in fuel system before engine
- 3 set T-pieces
- 3 set shut off valves
- 1 pc Switch Position Box (SPB)

Separate delivered documentation:

- Fuel Change Over Record Book
- Technical Operation Manual in English

Technical data:

Flange connection: DN 3; PN 16
Power supply: 230 VAC/ 50, 60 Hz
Power consumption: 80W max.
Air supply: 4-6 bar, clean dry air
Dimensions: 1.000 x 800 x 1.400 mm (W x D x H)

Optional supply:

Product: Item 110 2nd Display for installation in ECR
Product: Item 112 Compatibility test kit
Product: Item 113 Printer including Software extension
Product: Item 122 Profibus cable for 2nd display, length required to be decided latest at time of pre-inspection.

