



SOLENOID VALVE model " PAOMAR "

In accordance with Directive 94/25/EC (ISO 8846 MARINE - EN 28846) as for RINA Certificate n°DIP 46098 of 5 June 1998.

ITEM 1740212 (12 V)

ITEM 1740224 (24 V)

In the nautical field this SOLENOID VALVE is specially suitable for the fuel systems of high powerful and wide consumption engines.

ASSEMBLING

Before setting up the valve make sure the voltage (12 or 24 Volts) on the coil corresponds with the one of your electric supply. For the electrical connections of the connector use a cable Ø 6-8 mm with cross section area of the conductor Ø 1 mm² (follow the below drawing).

Warning : connect the terminal marked in red to the positive cable of the battery and the negative cable to the other terminal (in case of wrong connection the connector is damaged). To make the assembling easy and correct first assemble the negative cable, then the positive one.

The electric connector may be fixed in four different positions by rotating the cover of the connector 90° from time to time. Also the electric coil may be rotated in any position as well.

Set up the valve with the inlet pipe and the outlet one in the way as shown by the arrow on the bottom of the valve . For the installation use the provided bracket that allows the assembly either on horizontal surface or on vertical one, fixing it to the valve with the four bolts and the four elastic washers, supplied with it.

The valve is arranged for conical thread pipe fittings 3/8 gas that are to be blocked **without any seal packing**. The pipe fittings may be supplied on request and are available either for metallic pipe inside Ø 10 - 8 mm. or for rubber hose inside Ø 12 - 10 mm.

A filter located in the valve keeps the impurities that may be easily removed by unscrewing the discharging bolt placed on the bottom of the valve.

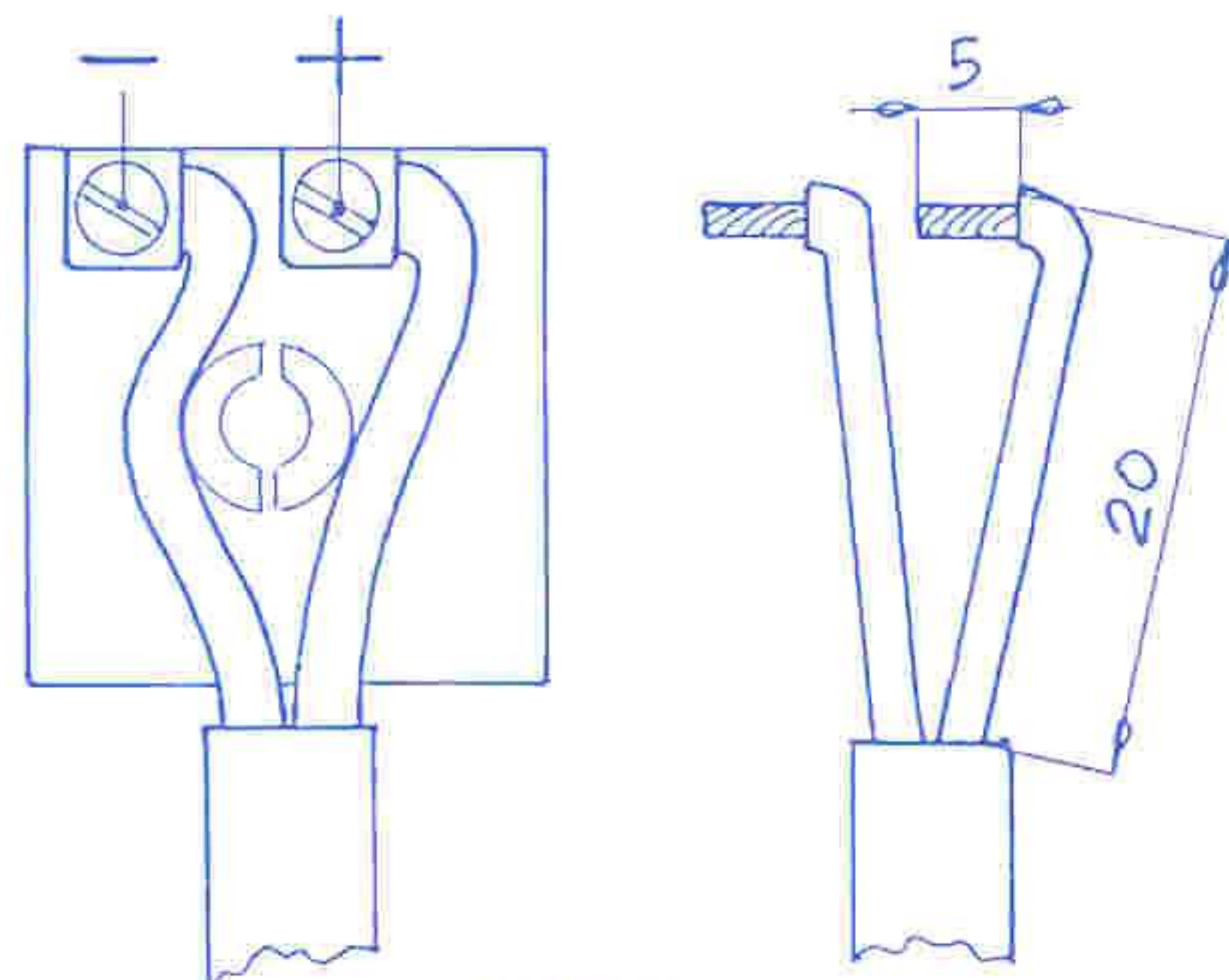
The lever for the manual opening must always be kept in horizontal position. Only in case of emergency (i.e. electric power fault) the valve may be opened manually by turning the lever into vertical position.

The valve is provided with an electronic economizer inside the connector. This device reduces (75%) the electric consumption and eliminates the coil warming up.

Moreover, on request, the valve may be equipped with a "VITON" diaphragm that lets the valve work with corrosive or alimentary liquids since the liquid remains hermetically insulated from the valve control device.

SPECIFICATIONS:

| | | |
|---------------------------|-----------------|--------|
| Flow capacity(at 0,2 bar) | 600 liters/hour | |
| Weight | 900 grams | |
| Dimensions | 140x80x50 mm. | |
| Power supply | 12 V | 24 V |
| Absorbed current | 0,39 A. | 0,23 A |
| Absorbed power | 4,68 W | 5,52 W |



MILANO

Via Pacinotti, 12

20090 Segrate

Tel. 02 - 26.99.111 Fax. 02 - 26.99.11.20

LUCCA

Zona Industriale Guamo

55100 Lucca

Tel. 0583 - 40.32.32 Fax. 0583 - 40 35 09