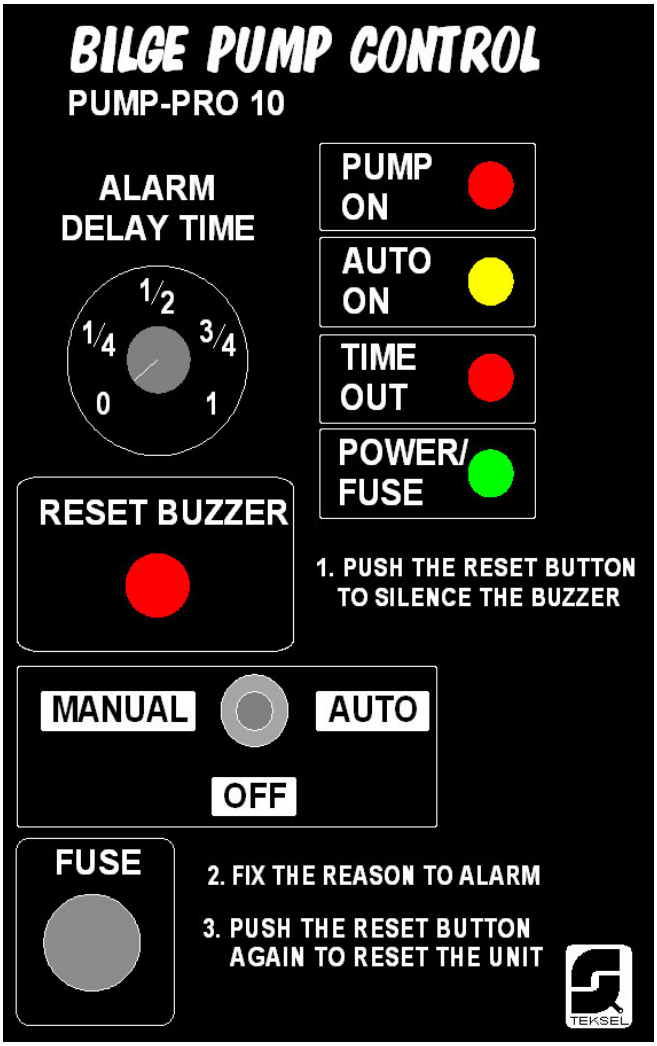
BILGE PUMP CONTROL PUMP-PRO 10

With memory for the reason to alarm



PUMP-PRO 10 max. 10AMP
PUMP-PRO10 IS MICROPROCESSOR CONTROLLED

CONTROL OF THE PUMP
"MANUAL,OFF, AUTO"

CONTROL OF OVERRIDING
THE PRESETTED ***"ALARM DELAY-TIME"***

CONTROL/ ALARM OF THE FUSE

ALARM-BUZZER

REMOTE RESET

12- 24VOLTS

PUMP-PRO 10 CONTROLS A BILGE PUMP
WITH A SEPARATE OR BUILT-IN LEVEL SENSOR

PUMP-PRO 10 CAN BE PARALLEL-CONNECTED TO A EXISTING CONTROLPANEL

IF THE PUMP RUNNING TIME EXCEEDS THE PRESETTED ALARM TIME,
(PRESETTABLE TO **0- 10/20/30 min**.),
IT WILL ACTIVATE AN ALARM

WHEN ALARM, THE **BUZZER** SOUNDS and the ***"LED´S"*** WILL FLASH AS FOLLOWS:

1) THE FUSE BLOWN: ***"POWER/FUSE"*** WERY FAST FLASH
2) AUTO ON & LEVEL ON:"***AUTO ON + TIME OUT"*** FAST FLASH
3) MANUAL ON & LEVEL ON: ***"PUMP ON + TIME OUT"*** SLOW FLASH
4) MANU ON & LEVEL OFF: ***"PUMP ON + TIME OUT"*** SLOW FLASH
5) SWITCH OFF & LEVEL ON: ***"PUMP ON + AUTO ON + TIME OUT"*** SLOW FLASH
6) SWITCH OFF & LEVEL OFF: ***"POWER/FUSE"*** WERY SLOW FLASH

PRICE: 225,- € (incl. VAT) **+ delivery 7,- €**
Ordering contact's here below

For Whole-/ Retail-sale, Manufactory's, ask for them price's for You.

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FUNCTION

When Alarm:

To silence the buzzer, push the ***"RESET BUZZER"*** button

The LED´s will continue to flash in, ***"MEMORY-STATE"***, until the reason to the alarm is fixed

Push again the ***"RESET BUZZER"*** button to reset the unit

The **PUMP-PRO 10** unit monitors the status of the fuse, thus giving an alarm if blown

The **PUMP-PRO 10** unit is powered itself, until the power connection ***(J3)*** is disconnected

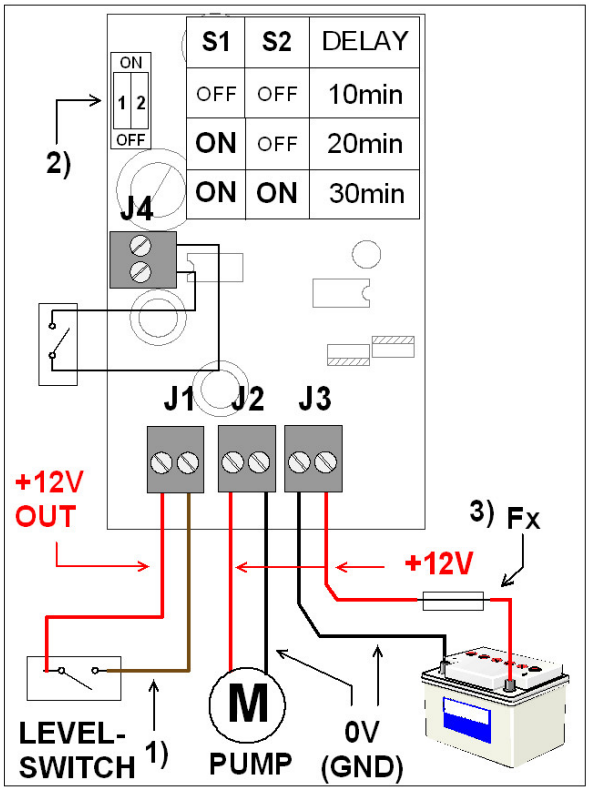
With the switch ***"OFF"*** the **PUMP-PRO 10** will send **"TEST PULSES"** to monitor the status of the level-switch, if active, giving an alarm

IMPORTANT: THESE TESTPULSES ARE SO FAST THAT YOU CAN´T READ-OUT THEM WITH A UNIVERSAL VOLT-MULTIMETER

Therefore cut the power to ***PUMP-PRO 10 (J3)*** when service / maintenance.

(No harm done even not unpowering the **PUMP-PRO 10** or shortening the level- switch terminals)

CONNECTIONS



1) When using a built-in levelswitch, this leader does not exist

2) Selection of the delay-time limits

3) The +12V supply should be protected with a external fuse with a minimum of the size of the pump-fuse (max. 10A)

With the PUMP-FUSE BLOWN the **PUMP-PRO 10** unit is still powered, (it is internally protected).

J4 Remote reset

We are developing a unit for them "SEATALK" and "NMEA" protocol´s, carrying the status of the bilge pump & alarm´s.

This Add-On unit can be added on to You´r existing unit

TECHNICAL INFO

VOLTAGE 12 - 24V

CURRENT for the Pump (via the relay) **max. 10A/12V 5A/24V**

CURRENT (**PUMP-PRO 10 ONLY**, not the pump):

With **NO** alarms: max. 110mA

With **ALL** alarm´s **"ON"**: max: 160mA

Installation: Recessed mount

The enclosure is rated to : **IP54**

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