quick guide

TPM-POOL

## overview

Terminals
A. Current transformer input (In>14A).
B. Outside temperature sensor input.
C. Lighting control input (on/off and RGB).
D. Filtration control input.
E. Auxiliary relay output.
F. Lighting supply output.
G. Pump supply output.
H. Power supply 230V input.

Pilot lights
1. Filtration program 1.
2. Filtration program 2.
3. Filtration ON.
4. Lighting program.
5. Auxiliary relay.
6. Current time.
7. Alarm / Calibration.

APP
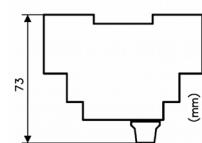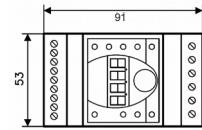
specifications

|	
Power supply	230/400Vac - 50/60Hz
Pilot lights (LED)	Filtration ON, Alarm, Time programmers, Auxiliary output, Current time
Protections	Overload, Underload, Phase loss (three-phase pumps only)
Overload protection	10% over calibration test measured current
Underload protection	20% under calibration test measured current
Displayed information (4-digit LED display)	Current time, Time programmings, Alarms, Settings
Pump output	14A maximum (up to 20A with external contactor)
Lighting output	230V / 5A maximum
Auxiliary relay	Voltage-free (250V / 5A maximum)
Minimum pump current	0.6A
Maximum terminal cross-section	4mm² (power) / 2,5mm² (control)
Width/Weight/IP/Temperature	3 modules (52,5mm)/240g/IP20/-10º...+55ºC, compatible with modular boxes
Options	Bluetooth interface, Radio remote control, Outside temperature sensor

connection diagrams

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menu selection


PILOT LIGHTS
OFF ○
ON ●
FLASH ☀

ROTATE
CHANGE VALUE
PUSH
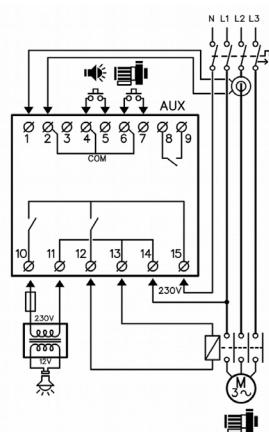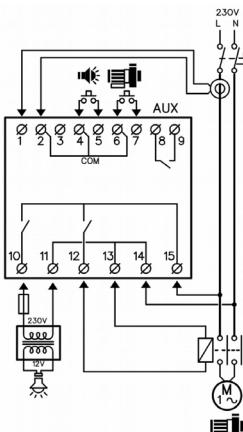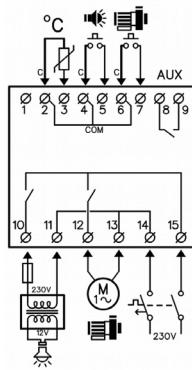
ROTARY BUTTON

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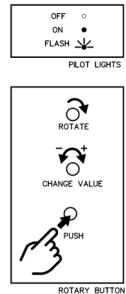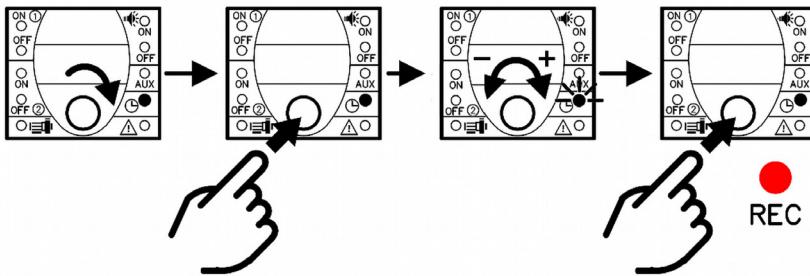
quick start (4 steps)

step 1: current time

REC
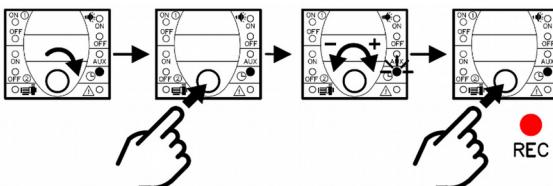
step 2: calibration test

SELECT

CAL — teSt — teSt — REC

PROGRAM
MANUAL MODE

tESt-X.XA — CAL-X.XA — CALIBRATION REC

ON 60″ TEST   ON 60″ CALIBRATION

AMP
110% OVERLOAD LIMIT
100% CALIBRATED LOAD
t

AMP
CALIBRATED LOAD
100%
80% UNDERLOAD LIMIT
t
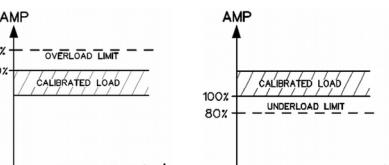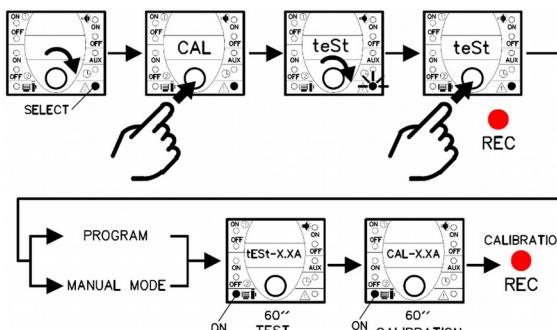
step 3: filtration and lighting programs

FILTRATION PROGRAM ①
FILTRATION PROGRAM ②

LIGHTING PROGRAM

ON HH:MM
    =
OFF HH:MM
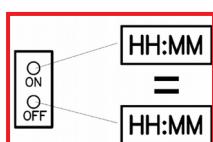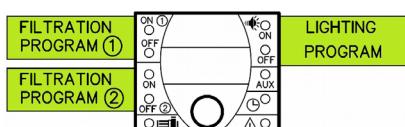
step 4: auxiliary relay (optional use)

ALAr

OVER-LOAD ⚠●
UNDER-LOAD ⚠●

AUX

AMP Lo.FL.
CALIBRATED LOAD
100%
90%
85%
t
AUX   AUX

100%
🛢
PUMP ON
P. 25 (25%)
P. 50 (50%)
P. 75 (75%)
P.100 (100%)
t

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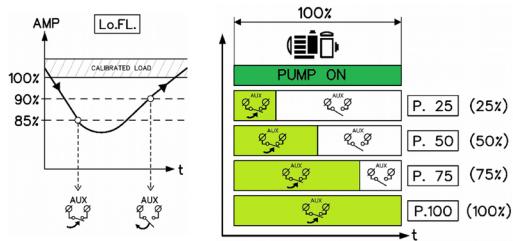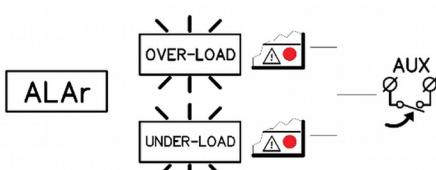
# filtration control

set manual mode
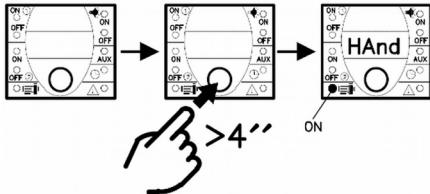

cancel manual mode
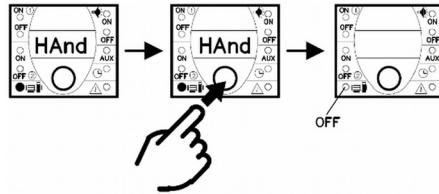
set filtration OFF mode
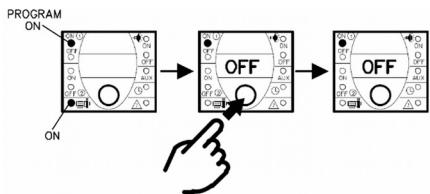


cancel filtration OFF mode
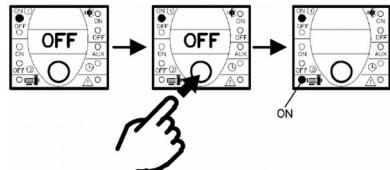
pump protection

overload
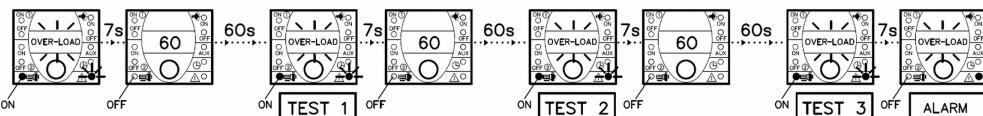
underload
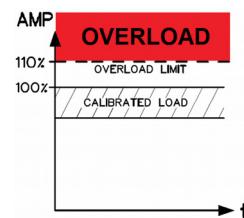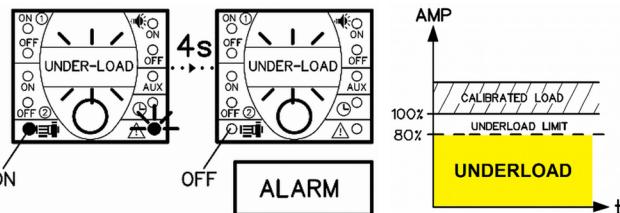
reset

freeze protection

Only with optional temperature sensor
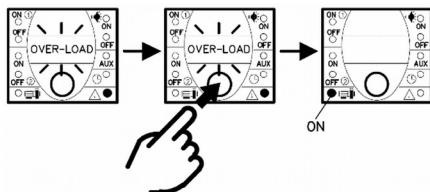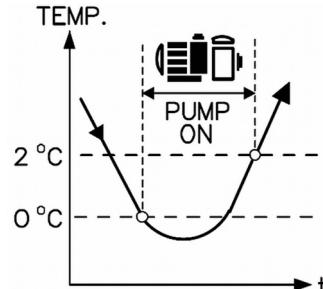
external control

filtration ON
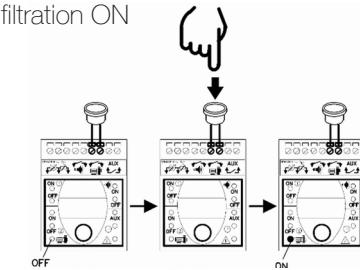
filtration OFF
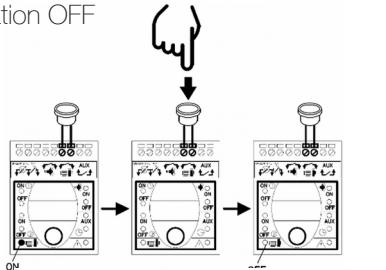
lighting ON
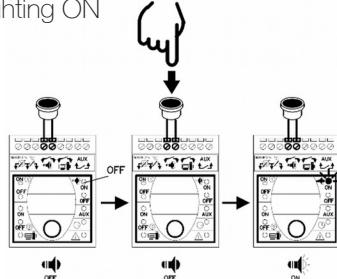
lighting OFF
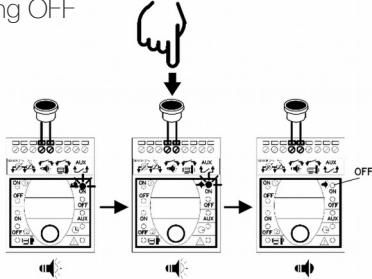
lighting - RGB color change

RGB COLOR CHANGE   RGB COLOR CHANGE

Bluetooth

status

IDENTIFICATION NAME

Pool00 Pin0000 Hr.000.000 St.000.000 VEr 6.6 4.1-5.5A

BLUETOOTH PIN CODE   RUN HOURS   STARTS   SOFTWARE VERSION   AMPS RANGE

new name and PIN

Pool   8.8.8.8.   OK

60''

ed.1