

# reacto PRO

## EASY INSTALLATION



## USER INTERFACE



## EXPANDABILITY

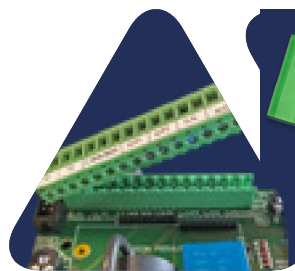


## VERSATILITY

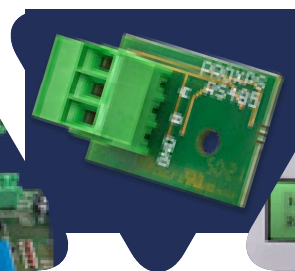


## Power to the next level? reacto PRO

Impedance start is the main feature distinguishing **REACTO PRO**, Elentek new control panel combining completeness and versatility with the submersible pump application requests. With the same **simple and immediate** user interface that identifies all Elentek control panels, Reacto Pro has 6 pre-set operation modes and additional options for connectivity, control and expandability.



TERMINAL BLOCK  
REMOVABLE



RS485  
(Optional)



HISTORICAL  
ALARMS



## RELIABLE IN ALL CONDITIONS

Accurate motor current reading (even in extreme ambient conditions)

## ALWAYS PRESENT

Every operation is shown on the multilingual display

## FLEXIBILITY

Multiple inputs available for several applications

## MAXIMUM CONTROL

Integrating the most complete system protections

## APPLICATIONS

✓ PRESSURISATION

✓ FILLING

✓ EMPTYING

✓ DRAINAGE

## CONNECTIVITY

BMS FREE VOLTAGE CONTACTS MODULE

BLUETOOTH WI-FI MODULE FOR APP

WATER IN OIL CHAMBER MODULE

BUFFER BATTERY MODULE

RS485 MODBUS MODULE

LEVEL PROBES MODULE

## TECHNICAL FEATURES

### FUNCTIONS

- LCD display for displaying and programming: voltage, current, cos-fi, hours of operation, number of starts, motor status, alarms, analogue signal and thresholds
- Selector AUTOMATIC - 0 (standby) - MANUAL operation
- Language settings (Italian, English, French, Spanish, German)
- Anti-seize autotest (programmable)
- Dry running protection with: level probes/ floats/ pressure switches and minimum current
- Up to 2 control inputs: float/pressure switches
- Input for 4-20 mA or 0-10V analogue signal
- Unit of measurement analogue signal cm - m - bar
- Emergency start and stop inputs with analogue signal operation mode (can be disabled)
- Clicson thermal pad inputs with automatic reset (can be disabled)
- Inversion of inputs (from normally open to normally closed)
- Automatic reset due to minimum current alarm with 4 programmable times
- Activation delay from mains return (can be disabled)
- Manual button operation (fixed or pulse)
- Settable impedance timer

### VERSIONS

- Power supply 3phase 310-450Vac 50/60Hz

### CONTROLS

- Electronic minimum and maximum voltage control
- Electronic control of maximum motor current
- Minimum motor current control
- Failure or incorrect phase sequence control on power supply input (can be disabled)

### ALARMS

- Alarms reported: voltage status, levels, motor overload, minimum current, motor clicson
- Alarm history
- Starts / hour alarm (settable)
- Alarm output contacts

### PROTECTIONS

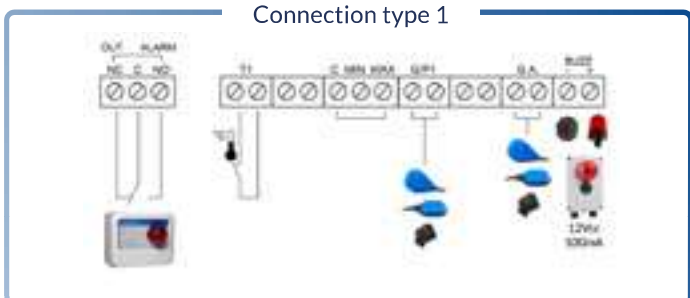
- Auxiliary and motor protection fuses
- Isolator (except for NB code)
- Metallic box, IP55

# MODELS AND CONNECTION DIAGRAMS

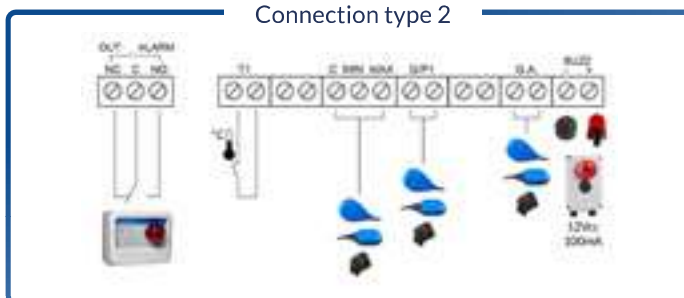
## reacto PRO 1

Code	Model	Voltage	Max power		Current		Box		Weight
			Kw	Hp	Range	Max	Mod.	Material	Kg.
11073	REACTO PRO 1/11	3~400 V	11	15	16-25 A	25 A	M1	Metallic	32
11074	REACTO PRO 1/15	3~400 V	15	20	16-32 A	32 A	M2	Metallic	32
11075	REACTO PRO 1/18,5	3~400 V	18,5	25	30-38A	38 A	M3	Metallic	32
11076	REACTO PRO 1/22	3~400 V	22	30	30-50A	50 A	M3	Metallic	32
11077	REACTO PRO 1/30	3~400 V	30	40	30-60A	60 A	M4	Metallic	40
11078	REACTO PRO 1/37	3~400 V	37	50	45-75A	75 A	M4	Metallic	40
11079	REACTO PRO 1/45	3~400 V	45	60	45-100A	100 A	M4	Metallic	40

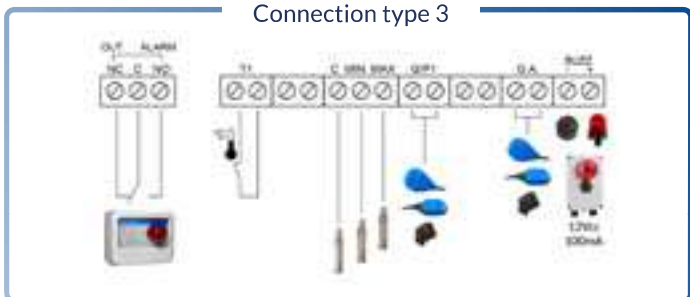
Connection type 1



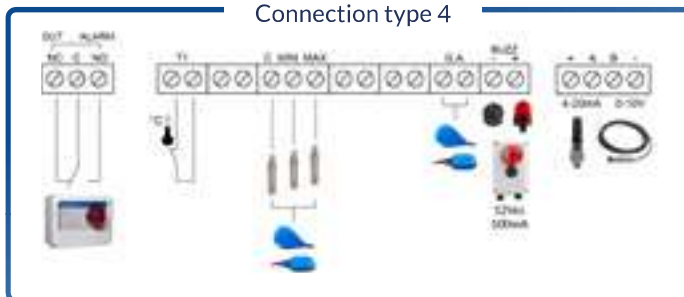
Connection type 2



Connection type 3



Connection type 4



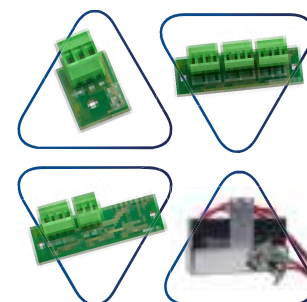
## ACCESSORIES

Code	Model	Description
98007	K3SL	Kit of 3 level probes (electrodes)
99050	PM/5	Pressure switch 1-5 bar
99051	PM/12	Pressure switch 3-12 bar
98003.012	AA-12Vdc	Acoustic alarm 90 dB 12Vdc
98004.012	LL-12Vac/dc	Flashing alarm 12V AC/DC
98022	FE	Emergency pushbutton
98029	DT	Daily timer with switch-riders
98030	WT	Weekly digital timer
98032	TPL	Pause/work timer
98033	CI24Vac	External 24Vac input for activation/deactivation of the motor
98033A	CI230Vac	External 230Vac input for activation/deactivation of the motor



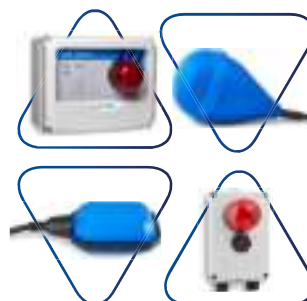
## EXPANSIONS

Code	Modello	Description
98102	PRO-XPS	PROXPS RS485 Modbus module
98103	PRO-SL	PRO-SL level probe module
98104	PRO-H2O	PRO-SL H2O Oil Chamber Water Presence Module
98105	PRO-6DO	BMS dry contacts module
98106	PRO-DBT	PRODBT buffer battery module
98107	PRO-WiFi	Bluetooth wi-fi module for App PROXPS-WiFi / BT



## RELATED PRODUCTS

Code	Model	Description
99034	FLO 10	Float switch with neoprene cable length 10 m
99036	DROP 10	Variable float switch with neoprene cable length 10 m
99039	SHELL	Counterweight
01503	FLASH 12	Acoustic/visual alarm panel
01500	UNIT ALARM 1	Acoustic alarm panel with buffer battery
01501	UNIT ALARM 2	Acoustic/visual alarm panel with buffer battery
01502	UNIT ALARM GSM	Acoustic/visual alarm panel with buffer battery and GSM kit
98044	TP010B	Pressure transducer 0-10Bar 4-20mA
98045	TP016B	Pressure transducer 0-16Bar 4-20mA
pag. 54	MANIFOLD	Stainless steel manifolds
97007	E-KIOSK	Polyethylene panel column
99009	BASE FULL	Base for horizontal and vertical 2-pump booster kits



## MODELS

