

# smart PRO

## EASY INSTALLATION



## USER INTERFACE



## EXPANDABILITY

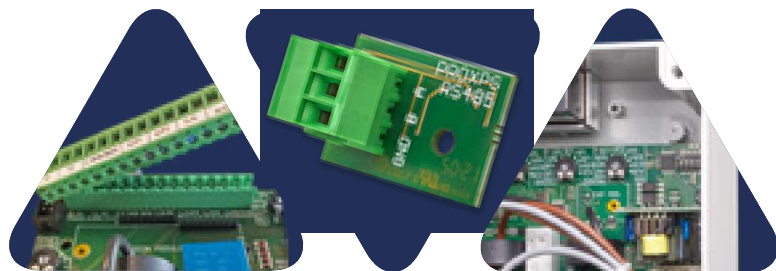


## VERSATILITY



## Want to optimize at **low cost?** smart PRO

**SMART PRO** is the evolution of Elentek's best-seller control panel, suitable for both **clean water** and **wastewater systems**. Thanks to the new expansion modules system and the connections, the panel can be used for a wide range of applications and increases the potential of the system. Compact, very easy to install and program also by App, it facilitates the replacement of old and obsolete panels installed.



REMOVABLE  
TERMINALS

RS485  
(Optional)

MODULAR  
EXPANDABILITY



## COMPETITIVE

The competitive control panel for several applications

## INTUITIVE

Easy to set up and use

## ANTI-SEIZE

Pump unblocking function to prevent faults

## 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

- LEDs on front of panel for signaling operating status and alarms
- AUTOMATIC - 0 (standby) - MANUAL pushbuttons (fixed or pulse)
- Anti-seize autotest (can be disabled)
- Dry running protection with: level probes/ floats/ pressure switches
- Up to 4 control inputs: floats/pressure switches
- Clicson inputs with automatic reset (can be disabled)
- Inversion of inputs (from normally open to normally closed)
- Start/stop float switch function (can be disabled)
- Current protection delay
- Automatic reset from minimum current alarm (can be disabled)
- Delay time of motor enabling after power mains return
- Pushbutton for manual operation (fixed or pulse)
- Predisposition for run capacitors for single-phase version (not included)

### ADDITIONAL FUNCTIONS SMART PRO 2

- Duty/standby (can be disabled)
- Immediate motor changeover in case of a fault

### VERSIONS

- Power supply 1phase 100-240Vac 50/60Hz
- Power supply 3phase 310-450Vac 50/60Hz

### CONTROLS

- Electronic control of maximum current with assisted calibration
- Electronic control of minimum current (dry running) with assisted calibration
- Failure or incorrect phase sequence control on power supply input (can be disabled)

### ALARMS

- Alarms reported: voltage status, levels, motor overload, minimum motor current, clicson motor
- General alarm output contacts

### PROTECTIONS

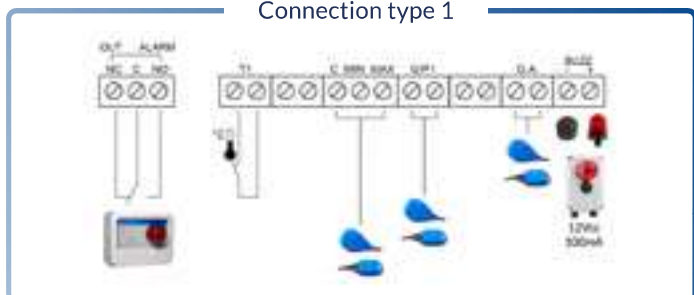
- Auxiliary and motor protection fuses
- Isolator (except for NB code)
- Box in ABS, IP55

# MODELS AND CONNECTION DIAGRAMS

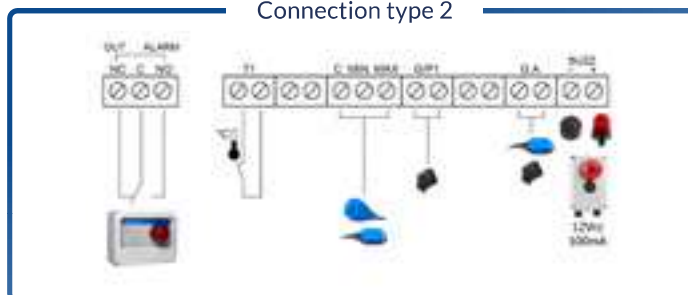
## smart PRO 1

Code	Model	Voltage	Max power		Current		Box		Weight
			Kw	Hp	Range	Max	Mod.	Material	Kg.
11015NB	SMART PRO 1-Mono (no switch interlocking door)	1~230 V	2,2	3	0-18 A	18 A	P1	Plastic	1.2
11015	SMART PRO 1-Mono	1~230 V	2,2	3	0-18 A	18 A	P2	Plastic	1.5
11016	SMART PRO 1-Tri/7,5	3~400 V	7,5	10	0-18 A	18 A	P2	Plastic	2.3
11017	SMART PRO 1-Tri/11	3~400 V	11	15	16-25 A	25 A	P2	Plastic	2.5
11018	SMART PRO 1-Tri/15	3~400 V	15	20	16-32 A	32 A	P2	Plastic	3

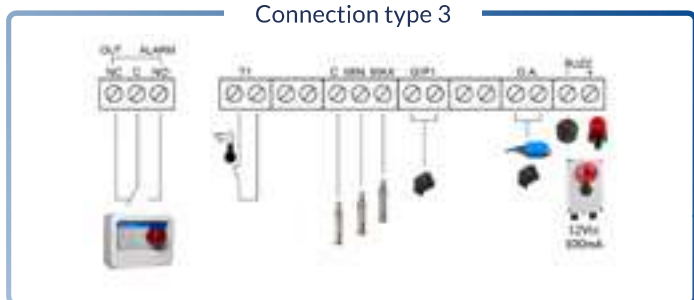
Connection type 1



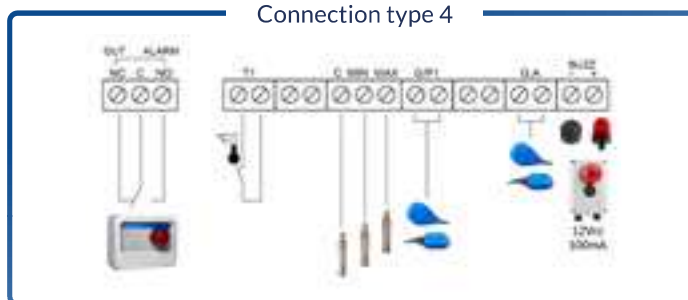
Connection type 2



Connection type 3



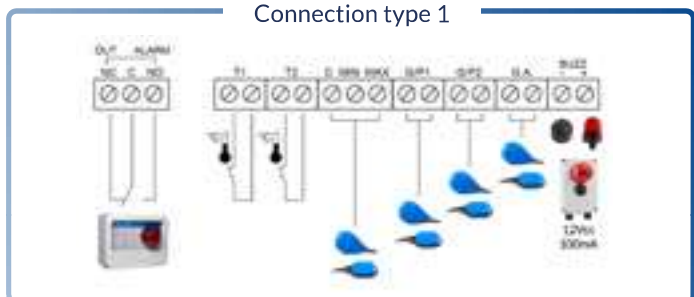
Connection type 4



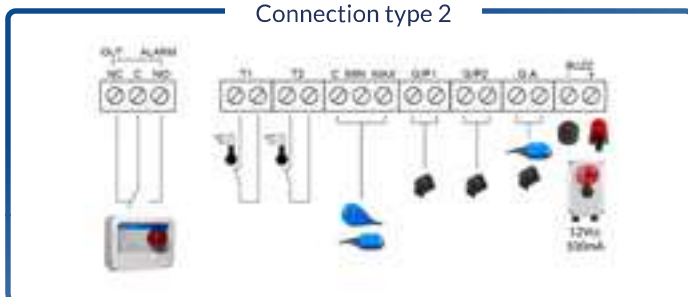
## smart PRO 2

Code	Model	Voltage	Max power		Current		Box		Weight
			Kw	Hp	Range	Max	Mod.	Material	Kg.
12015NB	SMART PRO 2-Mono (no switch interlocking door)	1~230 V	2,2	3	0-18 A	18 A	P1	Plastic	1.2
12015	SMART PRO 2-Mono	1~230 V	2,2	3	0-18 A	18 A	P2	Plastic	1.5
12016	SMART PRO 2-Tri/7,5	3~400 V	7,5	10	0-16 A	16 A	P2	Plastic	2.5
12017	SMART PRO 2-Tri/11	3~400 V	11	15	16-25 A	25 A	P3	Plastic	3
12018	SMART PRO 2-Tri/15	3~400 V	15	20	16-32 A	32 A	P3	Plastic	3.5

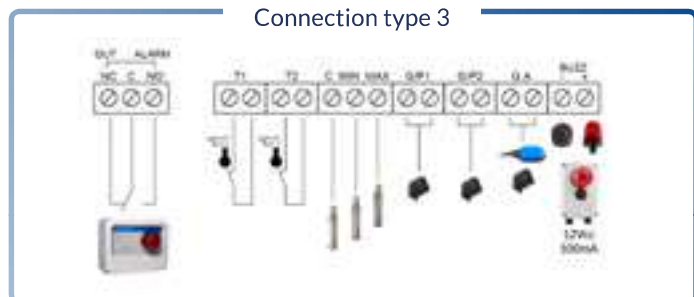
Connection type 1



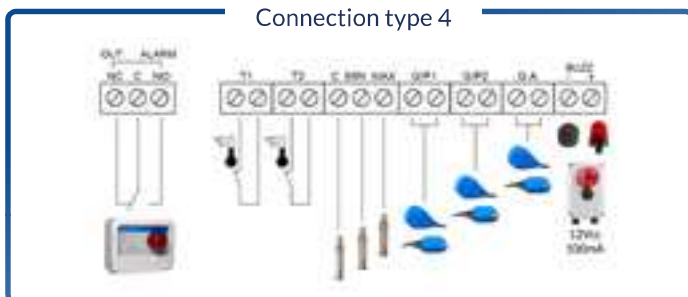
Connection type 2



Connection type 3



Connection type 4



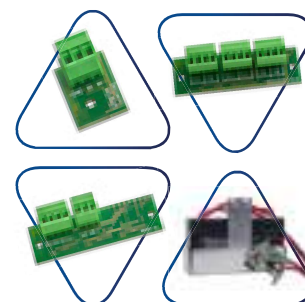
## ACCESSORIES

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



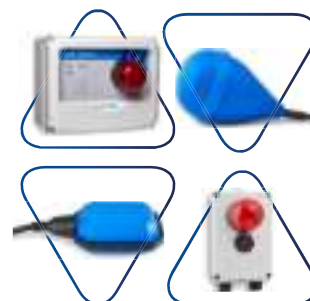
## EXPANSION

Code	Model	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
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

