

wastek PRO

EASY INSTALLATION



USER INTERFACE



EXPANDABILITY

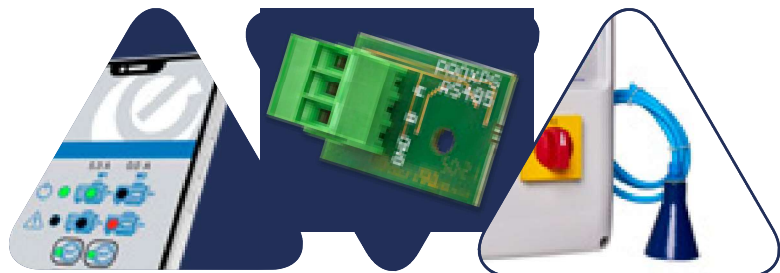


VERSATILITY



A control panel for a **small well?** wastek PRO

Wastek Pro is designed to fit into small spaces. The peculiarity of this control panel is the possibility to use an air pressure sensor, particularly useful when the installation site is a **small well**. Wastek Pro allows an accurate level detection from 0 to 100 cm and is expandable with a range of connectivity modules.



UNIQUE APP

RS485
(Optional)

AIR PRESSURE
SENSOR



SPACE EFFICIENCY

Suitable for use in small wells, air sensor replaces up to 4 floats

ACCURACY

Level reading and setting up to 1 cm

ACCESSORIES

Acoustic alarm included

SIMPLE CONTROL

Voltage, current and phase control guaranteed

APPLICATIONS

PRESSURISATION

FILLING

EMPTYING

DRAINAGE

CONNECTIVITY

BMS FREE VOLTAGE CONTACTS MODULE

BLUETOOTH WI-FI MODULE FOR APP

RS485 MODBUS MODULE

TECHNICAL FEATURES

FUNCTIONS

- LCD display for displaying and programming: voltage, current, power factor, hours of operation, number of starts, motor status, alarms, sensor signal and thresholds
- AUTOMATIC -0 (standby) – MANUAL pushbuttons (fixed or pulse)
- Language settings (Italian, English, French, Spanish, German)
- Dry running protection by: level probes/floats/pressure switches and minimum current
- Up to 4 control inputs: floats/pressure switches
- Input for air sensor and 4-20 mA or 0-10V analogue signal
- Unit of measurement of analog signal: centimetres or metres
- Clicson inputs with automatic reset (can be disabled)
- Inputs inversion (from normally open to normally closed)
- Automatic reset from minimum current alarm settable with 4 programmable times
- Start-up and shutdown delay time (programmable)
- Maintenance time control (programmable)
- Pushbutton for manual operation (fixed or pulse)
- Provision for run capacitors on single-phase model (not included)

ADDITIONAL FUNCTIONS WASTEK 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 minimum and maximum voltage
- Electronic control of maximum motor current
- Electronic 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, clicson motor
- System maintenance warning
- Alarm output contacts

PROTECTIONS

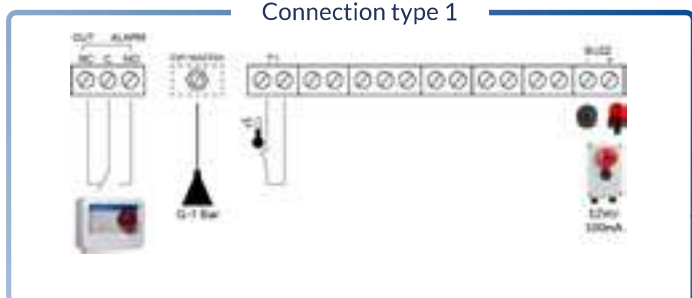
- Auxiliary and motor protection fuses
- Isolator (except for NB code)
- Box in ABS, IP55

MODELS AND CONNECTION DIAGRAMS

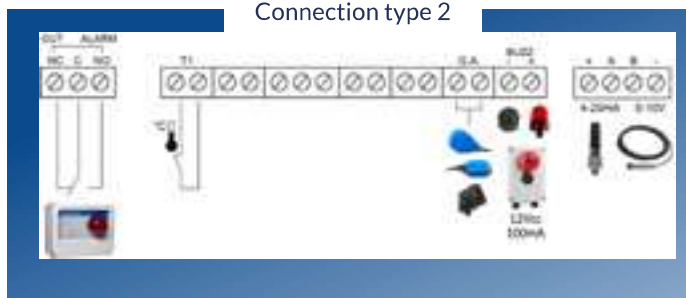
wastek PRO 1

Code	Model	Voltage	Max power		Current		Box		Weight
			Kw	Hp	Range	Max	Mod.	Material	Kg.
11720NB	WASTEK PRO 1-Mono (no switch interlocking door)	1~230 V	2,2	3	0-18 A	18 A	P2	Plastic	1.8
11720	WASTEK PRO 1-Mono	1~230 V	2,2	3	0-18 A	18 A	P2	Plastic	2
11721	WASTEK PRO 1-Tri/7,5	3~400 V	7,5	10	0-18 A	18 A	P2	Plastic	2.5
11724	WASTEK PRO 1-Tri/11	3~400 V	11	15	16-25 A	25 A	P2	Plastic	3
11725	WASTEK PRO 1-Tri/15	3~400 V	15	20	16-32 A	32 A	P2	Plastic	3.5

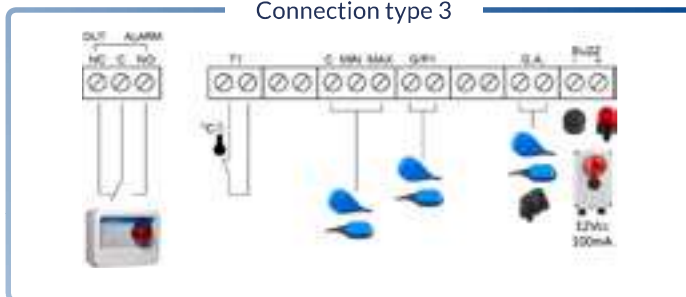
Connection type 1



Connection type 2



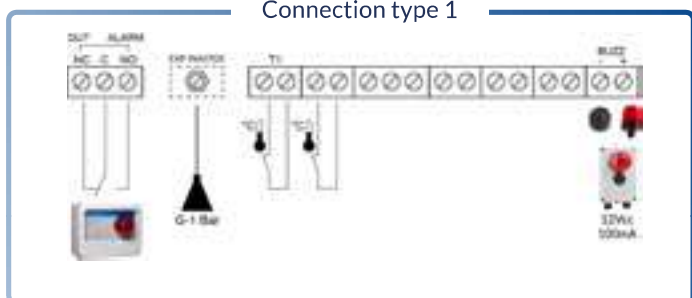
Connection type 3



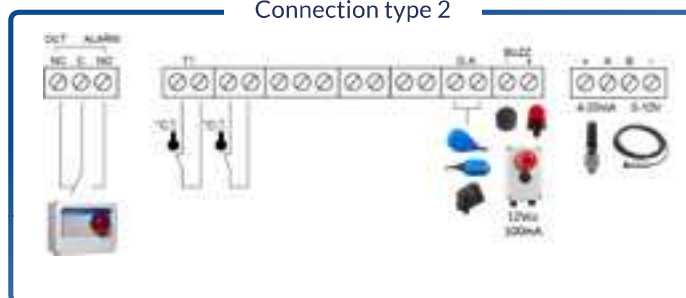
wastek PRO 2

Code	Model	Voltage	Max power		Current		Box		Weight
			Kw	Hp	Range	Max	Mod.	Material	Kg.
12720NB	WASTEK PRO 2-Mono (no switch interlocking door)	1~230 V	2,2	3	0-18 A	18 A	P2	Plastic	1.8
12720	WASTEK PRO 2-Mono	1~230 V	2,2	3	0-18 A	18 A	P2	Plastic	2
12721	WASTEK PRO 2-Tri/7,5	3~400 V	7,5	10	0-16 A	16 A	P2	Plastic	2.8
12724	WASTEK PRO 2-Tri/11	3~400 V	11	15	16-25 A	25 A	P3	Plastic	3.5
12725	WASTEK PRO 2-Tri/15	3~400 V	15	20	16-32 A	32 A	P3	Plastic	4

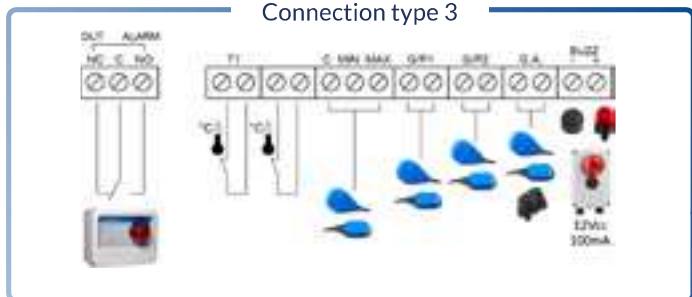
Connection type 1



Connection type 2



Connection type 3



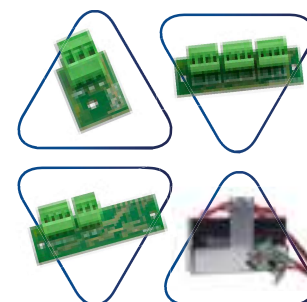
ACCESSORIES

Code	Model	Description
98007	K3SL	Kit of 3 level probes (electrodes)
98004.012	LL-12Vac/dc	Flashing alarm 12V AC/DC
98043	SPA01M	Air pressure sensor with 10m cable
97470	SMCB-K16	Magnetic Circuit Breaker 3P 16A "K"
97471	MCB-K32	Magnetic Circuit Breaker 3P 32A "K"



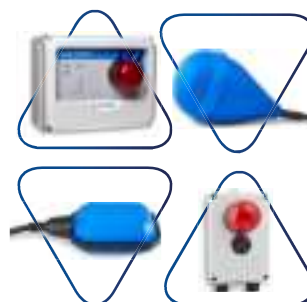
EXPANSIONS

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
97007	E-KIOSK	Polyethylene panel column
pag. 54	MANIFOLD	Stainless steel manifolds



MODELS

