

REGO1 CONTROL PANEL



OVERVIEW & FEATURES

The Rego1 is a new generation, intelligent AI pump control panel. The replacement of analogue circuitry with digital technology enables various advantages from, improved time and efficiency of installation, enhanced float logic with digital float control to allow for one float to fail without compromising operation, fewer components for failure and better component selection to guarantee over 1,000,000 pump cycles, Wi-Fi enabled allowing for remote monitoring via SideWinder Tech™, local energy monitoring and a whole host more. The control panel has all the classic control panel capabilities including the manual running of pumps (hand), automatic swapping of pumps and ability to set pumps offline.

Rego1 can be a stand alone control panel, or it can be connected to the SideWinder Tech remote monitoring software via Wi-Fi. This enables various 'smart' functionality, remote monitoring capabilities to allow for predictive maintenance and the ability to remotely control the pumps and settings from anywhere in the world.

TECHNICAL SPECS.

Size (without cable glands)	310mm x H: 170mm x D: 78mm
Weight	1kg (including battery)
Phase	Single
Mains Supply	200-250V AC (50Hz)
Internal Battery	Pb 6V - 1.2Ah
Alarm Sound Level	100db @ 30cm
Operating Temperature	5-40°C
Power Consumption (Idle)	<2W
IP Rating	IP2X
Maximum Output (Amps)	8A
Operation	Duty / Standby

GUARANTEE

Rego1 is offered with a 24 month component guarantee. This guarantee only covers any defects in workmanship, construction or material. This guarantee does not cover defects caused by incorrect installation, installer error, abnormal working conditions, misuse or neglect.



HEALTH & SAFETY

In order to minimise the risk of ill health or accidents when installing and/or servicing pump chambers and associated accessories, workers must be fully trained and competent. The following guidelines will help safeguard matters:

- Assessing the risk and working in accordance with the control measures identified.
- Ensure electrical power to the equipment is isolated before carrying out installation or maintenance.
- A suitable first aid kit must be close to hand.
- The electrical installation must comply with the requirements of BS 7671:2008 'Requirements for Electrical Installations' incorporating amendment 3:2015.

CONNECTIVITY

Wi-Fi - to enable this feature, please visit the SideWinder Tech™ website at www.sidewindertech.co.uk.

Battery Backup - the Rego1 can be used in conjunction with the PPS SmartPower2.

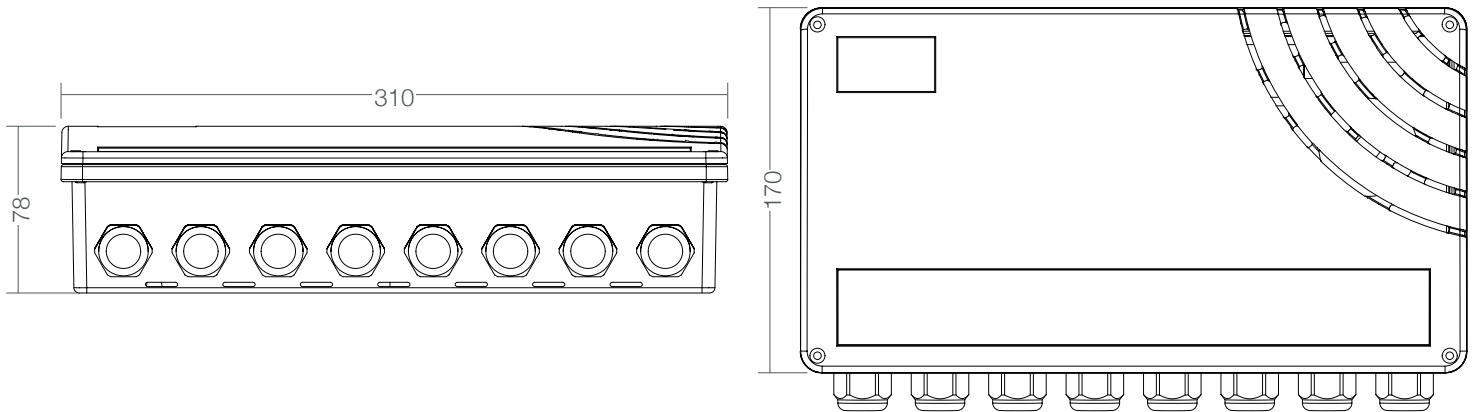
Volt Free - the Rego1 has volt free contacts to connect with external devices such as an alarm or beacon with a maximum load of 0.5A and voltage up to 30V. This can also be connected to any BMS system if required. The VFR sends a continuous signal.

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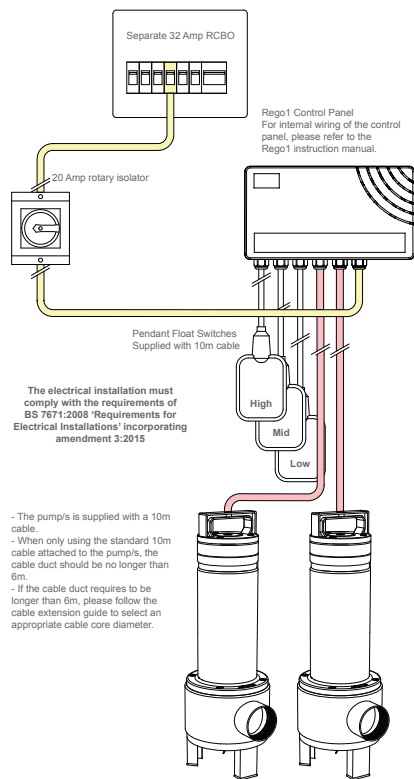
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TECHNICAL DRAWINGS



WIRING DIAGRAM - DUTY / STANDBY DUAL FOUL



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