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Strebel SU SPE-2 Twin Pump Electronic Pressurisation Unit

The Strebel SU SPE-2 Twin Pump controller gives you the ability to operate two pumps on the same system to help maintain water pressure therein. It comes with LCD display, three control buttons, three volt free alarm relays (high pressure, low pressure and general) and low water level protection circuit. The unit is housed in an IP65 rated enclosure and cable glands are provided for entry of relevant wiring.

Electrical Connections

The unit must only be wired up by a qualified or competent person. Refer to drawing below and wire up accordingly. Units supplied as part of a package (e.g. on pressurisation unit) will already be completely pre-wired.



Connectors 1 and 2 are for the water level sensor and can be wired either way. The electronics use a 24V DC current for this purpose.

Connectors 3 to 5 are Low Pressure Alarm volt free relay – 3 Normally Closed, 4 Normally Open and 5 Common.

Connectors 6 to 8 are High Pressure Alarm volt free relay – 6 Normally Closed, 7 Normally Open and 8 Common.

Connectors 9 to 11 are General Alarm volt free relay – 9 Normally Closed, 10 Normally Open and 11 Common.

Connectors 12 and 13 are for Pump No. 2 control – 12 Pump No. 2 Neutral connection and 13 Pump No. 2 Live connection.

Connectors 14 and 15 are for Pump No. 1 control – 14 Pump No. 1 Live connection and 15 Pump No. 1 Neutral connection.

Connectors 16 and 17 are for mains to power electronics – 16 Neutral connection and 17 Live connection.

The unit comes with sensor cable fitted already and has been calibrated, and therefore must not be adjusted in any way.