

## Pump system Aquapump Retrofit Tronic, STZ1000-S3,subm. pressure switch

### Article information

Item no.: AQUALI1000F\_T

GTIN:

Price group: 60

### Description

The retrofit kit for installation in existing collection tanks for faecal-free wastewater is equipped with two submersible pumps, a backflow preventer and a manual locking device. The polymer profile (PE) is used to mount and fix the pumping station. Quick-release closures enable easy removal of the pumps. The station is controlled either by a float switch or by a user-friendly control unit, which can be optionally integrated in the building control system via a voltage-free contact. Alternatively, alarm and collective fault messages can be output via a GSM interface.

#### Variant

|                           |              |
|---------------------------|--------------|
| Type of system:           | duo pump     |
| Pump control:             | Control unit |
| Backflow preventer:       | integrated   |
| Pressure pipe connection: | horizontal   |

#### General characteristics

|                         |                                         |
|-------------------------|-----------------------------------------|
| Standard:               | EN 12050-2                              |
| Type of wastewater:     | with sewage                             |
| Installation situation: | installation in on-site collecting tank |
| Delivery state:         | Modular set for assembly on site        |
| System type:            | Tronic                                  |

#### Dimensions

|               |      |
|---------------|------|
| Net weight:   | 5 kg |
| Gross weight: | 5 kg |

#### Pumping device

|                          |            |
|--------------------------|------------|
| Pump:                    | STZ 1000   |
| Number of pumps:         | 1          |
| Weight, pump:            | 10 kg      |
| Connection type:         | coded plug |
| Rated current:           | 5,2 A      |
| Protection class:        | I          |
| Insulation class:        | F          |
| Cos phi - power factor:  | 0,97       |
| Protection class (pump): | IP 68 (3m) |

|                                                    |                             |
|----------------------------------------------------|-----------------------------|
| Temperature monitoring:                            | integrated                  |
| Max. temperature (permanent) of conveyed material: | 40 °C                       |
| Max. pumping capacity:                             | 11,5 m³/h                   |
| Max. pumping height:                               | 10 m                        |
| Speed:                                             | 2800 U/min                  |
| Power P1:                                          | 1,2 kW                      |
| Power P2:                                          | 0,69 kW                     |
| Operating mode:                                    | S3 - 50 %                   |
| Type of fuse required (electrical protection):     | C 16 A                      |
| Type of pump connection cable:                     | H07RN-F 3G 1.5 mm²          |
| Impeller type:                                     | Macerator                   |
| Length of mains cable for pump:                    | 10 m                        |
| Control                                            |                             |
| Control unit:                                      | Comfort                     |
| Alarm sensor:                                      | optical probe               |
| Level measurement instrument:                      | Submersible pressure switch |
| Type of level measurement:                         | pneumatic                   |
| Protection class control unit:                     | IP 54                       |
| Mains frequency:                                   | 50 Hz                       |
| Operating voltage:                                 | 230 V                       |
| Connection type:                                   | coded plug                  |
| Length of mains cable for control unit:            | 1,4 m                       |
| Potential-free contact:                            | optional                    |
| GSM interface:                                     | yes                         |
| USB interface:                                     | yes                         |
| Log book function:                                 | yes                         |
| Multi-line display:                                | yes                         |
| Battery buffering:                                 | yes                         |
| Self-diagnosis system (SDS):                       | yes                         |
| Type of fuse required (electrical protection):     | C 16 A                      |