

## Pump system Aquapump Retrofit Duo, GTF 1200-S3, subm. pressure switch

### Article information

Item no.: AQUALI1200D

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     |
| Rim width:                | Control unit |
| Backwater protection:     | integrated   |
| Pressure pipe connection: | horizontal   |

#### General characteristics

|                         |                                         |
|-------------------------|-----------------------------------------|
| Standard:               | EN 12050-2                              |
| Type of wastewater:     | without sewage                          |
| Installation situation: | installation in on-site collecting tank |
| Delivery state:         | Modular set for assembly on site        |
| System type:            | Duo                                     |

#### Tank/drain body

|                                |       |
|--------------------------------|-------|
| Pressure pipe connection (DN): | 32    |
| Pressure pipe connection (OD): | 40 mm |

#### Pumping device

|                                 |            |
|---------------------------------|------------|
| Pump control:                   | GTF 1200   |
| Number of pumps:                | 2          |
| Weight:                         | 10 kg      |
| Connection type:                | coded plug |
| Rated current:                  | 6,2 A      |
| Length of mains cable for pump: | 10 m       |
| Self-diagnosis system (SDS):    | I          |
| Insulation class:               | F          |
| Cos phi - power factor:         | 0,98       |

|                                                    |                             |
|----------------------------------------------------|-----------------------------|
| Protection class control unit:                     | IP 68 (3m)                  |
| DSC:                                               | integrated                  |
| Max. temperature (permanent) of conveyed material: | 40 °C                       |
| Max. pumping capacity:                             | 15,5 m³/h                   |
| Max. pumping height:                               | 9 m                         |
| Speed:                                             | 2650 U/min                  |
| Power P1:                                          | 1,4 kW                      |
| Power P2:                                          | 0,84 kW                     |
| Operating mode:                                    | S1                          |
| Type of fuse required (electrical protection):     | C 16 A                      |
| Type of pump connection cable:                     | H07RN-F 3G 1.5 mm²          |
| Impeller type:                                     | Multi-vane impeller         |
| Control                                            |                             |
| Control unit:                                      | Comfort                     |
| Alarm sensor:                                      | optical probe               |
| Level measurement instrument:                      | Submersible pressure switch |
| Type of level measurement:                         | pneumatic                   |
| Protection class probe:                            | 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                         |
| Rated current:                                     | 6,2 A                       |