

## Pump system Aquapump Retrofit Duo, GTK1300-S1, level sensor

### Article information

Item no.: GTK1300-D

GTIN:

Price group: 60

### Description

Pump system, wet installation, for installation in an on-site chamber module. - For wastewater without sewage - Pressure pipe, pre-assembled at the factory, with mounting parts, a backflow preventer and shut-off valve - Pump with a single-vane impeller for optimum energy efficiency - Including a level probe for level measurement - Including a KESSEL Aqualift Comfort 400 V control unit User-friendly menu navigation in a multi-line display. With a self-diagnosis system (SDS) and reminder function for the next maintenance. Display of the current measured values. Simple adjustment of the function-related parameters, including an operating hour counter and potential-free contact. Optional forwarding of alarm and collective fault messages via a GSM interface. -Required minimum diameter of the on-site chamber module:

#### Variant

|                           |              |
|---------------------------|--------------|
| Type of system:           | duo pump     |
| Shut-off valve:           | yes          |
| 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): | 50    |
| Pressure pipe connection (OD): | 63 mm |

|                                                    |                                |
|----------------------------------------------------|--------------------------------|
| Pumping device                                     |                                |
| Pump control:                                      | GTK 1300                       |
| Number of pumps:                                   | 2                              |
| Weight:                                            | 12 kg                          |
| Connection type:                                   | coded plug                     |
| Rated current:                                     | 2,5 A                          |
| Length of mains cable for pump:                    | 10 m                           |
| Self-diagnosis system (SDS):                       | I                              |
| Protection class control unit:                     | IP 68 (3m)                     |
| DSC:                                               | integrated                     |
| Max. temperature (permanent) of conveyed material: | 40 °C                          |
| Max. pumping capacity:                             | 57 m <sup>3</sup> /h           |
| Max. pumping height:                               | 12,4 m                         |
| Speed:                                             | 2900 U/min                     |
| Power P1:                                          | 1,3 kW                         |
| Power P2:                                          | 1 kW                           |
| Operating mode:                                    | S1                             |
| Type of fuse required (electrical protection):     | 3 x C 16 A                     |
| Type of pump connection cable:                     | H07RN-F 3G 1.5 mm <sup>2</sup> |
| Impeller type:                                     | Single-vane impeller           |

|                                         |              |
|-----------------------------------------|--------------|
| Control                                 |              |
| Control unit:                           | Comfort      |
| Alarm sensor:                           | Level sensor |
| Level measurement instrument:           | Level sensor |
| Type of level measurement:              | hydrostatic  |
| Protection class probe:                 | IP 54        |
| Mains frequency:                        | 50 Hz        |
| Operating voltage:                      | 400 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:                          | 2,5 A        |