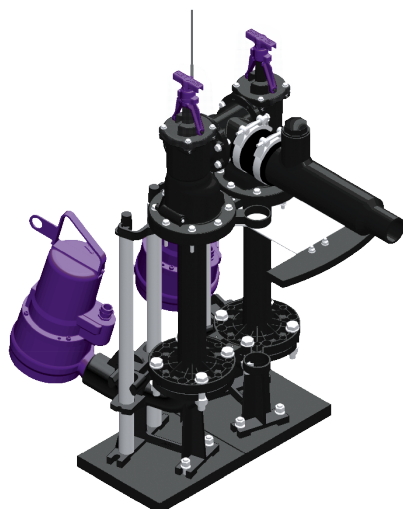


## Pump system Aquapump Retrofit Tronic, GTK3700-S1, level sensor



### Article information

Item no.: GTK3700-M

GTIN:

Price group: 60

### Description

Pump system, wet installation, for installation in an on-site chamber module.

- For wastewater with and without sewage (not approved for use in an ATEX zone)

- 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: 1000 mm

#### Variant

|                           |              |
|---------------------------|--------------|
| Type of system:           | Single unit  |
| Shut-off valve:           | yes          |
| Pump control:             | Control unit |
| Backflow preventer:       | integrated   |
| Pressure pipe connection: | horizontal   |

#### General characteristics

|                         |                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------|
| Standard:               | EN 12050-2 as well as EN 12050-1 (without ATEX requirements)                                 |
| Type of wastewater:     | for wastewater with or without sewage (in installation situations without ATEX requirements) |
| Installation situation: | installation in on-site collecting tank                                                      |
| Delivery state:         | Modular set for assembly on site                                                             |

|                                                    |                      |
|----------------------------------------------------|----------------------|
| System type:                                       | Tronic               |
| Tank/drain body                                    |                      |
| Pressure pipe connection (DN):                     | 50                   |
| Pressure pipe connection (OD):                     | 63 mm                |
| Pumping device                                     |                      |
| Pump:                                              | GTK 3700             |
| Number of pumps:                                   | 1                    |
| Weight, pump:                                      | 12 kg                |
| Connection type:                                   | coded plug           |
| Operating voltage:                                 | 400 V                |
| Protection class:                                  | I                    |
| Protection class (pump):                           | IP 68 (3m)           |
| Temperature monitoring:                            | integrated           |
| Max. temperature (permanent) of conveyed material: | 40 °C                |
| Max. pumping capacity:                             | 82 m³/h              |
| Max. pumping height:                               | 23,5 m               |
| Speed:                                             | 2900 U/min           |
| Power P1:                                          | 3,7 kW               |
| Power P2:                                          | 3,1 kW               |
| Operating mode:                                    | S1                   |
| Type of pump connection cable:                     | H07RN-F 7G 1.5 mm²   |
| Impeller type:                                     | Single-vane impeller |
| Length of mains cable for pump:                    | 10 m                 |
| Rated current:                                     | 6,5 A                |
| Control                                            |                      |
| Control unit:                                      | Comfort              |
| Alarm sensor:                                      | Level sensor         |
| Level measurement instrument:                      | Level sensor         |
| Type of level measurement:                         | hydrostatic          |
| Protection class control unit:                     | 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                  |
| Type of fuse required (control unit):              | 3 x C 32 A           |