

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 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:

1000 mm

Variant

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| Type of system: | Single unit |
| Shut-off valve: | yes |
| Rim width: | Control unit |
| Backwater protection: | integrated |
| Pressure pipe connection: | horizontal |

General characteristics

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|-------------------------|---|
| 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: | Tronic |

Tank/drain body

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| Pressure pipe connection (DN): | 50 |
| Pressure pipe connection (OD): | 63 mm |

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| Pumping device | |
| Pump control: | GTK 3700 |
| Number of pumps: | 1 |
| Weight: | 12 kg |
| Connection type: | coded plug |
| Rated current: | 6,5 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: | 82 m ³ /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 fuse required (electrical protection): | 3 x C 32 A |
| Type of pump connection cable: | H07RN-F 7G 1.5 mm ² |
| Impeller type: | Single-vane impeller |

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| 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: | 6,5 A |