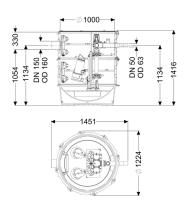


# Pumping station Aquapump XL Duo, STZ 3700-S1, ATEX





# Article information

Item no.: 8743019 GTIN: 4026092075739 Price group: 60

## **Advantages**

- Maximum safety
- Flexible installation
- Suitable for potentially explosive atmospheres

# Description

The pumping station with ATEX approval for faecal and faecal-free wastewater is equipped with a submersible pump, a backflow preventer and a shut-off valve for the pressure pipe. The collection tank made of permanently resistant polymer (PE) has an open pump tank (wet installation) with universal connection options.

The station is controlled by a user-friendly control unit, which is optionally integrated in the building management system via a potential-free contact. Alternatively, alarm and collective fault messages can be output via a GSM interface.

The KESSEL modular system provides different engineering chamber options as accessories for the further layout.

Stainless steel pump removal chain available as accessory. Art. no. 680 528 = length 2 m 680 529 = length 3 m 680 530 = length 4 m 680 531 = length 5 m

Type of wastewater: Installation situation: wastewater with sewage underground installation, floor slab installation

#### Version:



Type of system: Installation: Shut-off valve: Pump control: Backflow preventer: Access steps: Note on installation depth: Passage seal for ventilation pipe (DN): Passage seal for conduit pipe (DN):

Delivery state:

Twin pump station Wet installation Shut-off valve made of polymer Control unit integrated yes in combination with a chamber module 100 mm 100 mm

Pre-mounted for final assembly on site (pumps and sensor system must be fitted on site and control unit must be connected)

#### General characteristics:

Colour:	black
Standard:	EN 12050-1

#### **Dimensions:**

Length:	1,240 mm
Width:	1,240 mm
Height:	1,416 mm

### Tank:

Number of inlets: Inlet nominal size (DN): Inlet nominal size (OD): Inlet max. scoring (DN): Distance pipe bottom inlet to tank bottom: Distance from centre of outlet pipe to tank	1 ST 150 160 mm 150 mm 1,054 mm 1,134 mm
bottom: Distance from centre of inlet pipe to tank bottom:	1,134 mm
Pumping volume: Pressure pipe connection: Pressure pipe connection (DN): Pressure pipe connection (OD): Groundwater resistant from lower edge of base section:	300 l horizontal 50 mm 63 mm 3,000 mm
Clear width of tank (LW):	1,000 mm

## Pumping device:

Pump:

STZ 3700



Number of pumps: Max. pumping capacity: Max. pumping height: Operating mode: Power P1: Power P2: Speed: Max. temperature (permanent) of conveyed material: Connection type: Weight: Impeller type: Length of mains cable for pump: Rated current: Protection class (pump): Protection class: Type of pump connection cable: Temperature monitoring: Cos phi - power factor: Insulation class:

28 m3/h 35 m S1 3.7 kW 3.1 kW 2,900 U/min 40 °C **Direct connection** 44 kg Macerator 10 m 6.4 A IP 68 (20m) L H07RN8-F 6G 1.5 mm2 integrated 0.82 Н

2

## Control:

Protection class control unit:IP 54Length of mains cable for control unit:0 mType of level measurement:hydrostaticLevel measurement instrument:Level sensorAlarm sensor:Level sensor	Length of mains cable for control unit: Type of level measurement: Level measurement instrument:	0 m hydrostatic Level sensor
Alarm sensor: Level sensor	Alarm sensor:	Level sensor