

## Pumpfix F conversion kit DN 100-200, fr. 01/2011, exposed



### Article information

Item no.: 80097  
 GTIN: 4026092048269  
 Price group: 30

### Description

The conversion kit is equipped with a pump and a motor-driven closure system. The pipe cross-section is normally open. In case of backwater, the motor-driven closure system is closed automatically. During the backwater phase, the water drains via the pump with integrated macerator.

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

The conversion kit is used to retrofit Staufix FKA, Staufix SWA and Controlfix for Pumpfix F backwater pumping station.

|                         |                                    |
|-------------------------|------------------------------------|
| Type of wastewater:     | wastewater with and without sewage |
| Installation situation: | exposed drainage pipe              |

### General characteristics:

|                       |                                 |
|-----------------------|---------------------------------|
| Nominal size (DN):    | 100-200                         |
| Note on nominal size: | Hydraulics correspond to DN 150 |
| Approval:             | Z-53.2-388                      |

### Pumping device:

|                        |                        |
|------------------------|------------------------|
| Pump:                  | SPZ 1000               |
| Number of pumps:       | 1                      |
| Max. pumping capacity: | 11.5 m <sup>3</sup> /h |
| Max. pumping height:   | 10 m                   |
| Operating mode:        | S3 - 50 %              |
| Power P1:              | 1.2 kW                 |
| Power P2:              | 0.69 kW                |
| Speed:                 | 2,800 U/min            |

|  |                                |
|--|--------------------------------|
| Type of fuse required (electrical protection):     | C 16 A                         |
| Max. temperature (permanent) of conveyed material: | 35 °C                          |
| Connection type:                                   | coded plug                     |
| Weight:  | 10 kg                          |
| Impeller type:                                     | Macerator                      |
| Length of mains cable for pump:                    | 5 m                            |
| Rated current:                                     | 5.2 A                          |
| Protection class (pump):                           | IP 68 (3m/48h)                 |
| Protection class:                                  | I                              |
| Type of pump connection cable:                     | H07RN-F 3G 1.0 mm <sup>2</sup> |
| Temperature monitoring:                            | integrated                     |
| Cos phi - power factor:                            | 0.97                           |
| Insulation class:                                  | F                              |

### **Control:**

|   |               |
|---|---------------|
| Control unit:                           | Comfort       |
| Operating voltage:                      | 230 V         |
| Mains frequency:                        | 50 Hz         |
| Self-diagnosis system (SDS):            | yes           |
| Battery buffering:                      | yes           |
| Multi-line display:                     | yes           |
| Log book function:                      | yes           |
| USB interface:                          | yes           |
| GSM interface:                          | yes           |
| Potential-free contact:                 | optional      |
| Protection class control unit:          | IP 54         |
| Length of mains cable for control unit: | 1.4 m         |
| Type of level measurement:              | optical       |
| Level measurement instrument:           | optical probe |
| Alarm sensor:                           | optical probe |