

## Correction sheet

Correction sheet for SP I&O 98559518 11.2018.

### Updated and added warnings

A warning in section 6.7 has been updated. New sections 8.3.1 and 9.1 have been added due to the introduction of the MS6000P permanent magnet synchronous motor.

### 6.7 Electrical and variable-frequency drive information

#### DANGER

##### Electric shock

Death or serious personal injury



- Provide acceptable grounding in order to reduce the risk of electric shock during operation of this pump. If the means of connection to the box connected to the power supply is other than a grounded metal conduit, ground the pump by connecting a copper conductor, at least the size of the circuit supplying the pump, to the grounding screw provided within the terminal box.

Make sure that the voltage, phase number and frequency of the power supply match those of the motor. Motor voltage, phase number, frequency and full-load current information can be found on the nameplate attached to the motor.

The equipment-grounding lead, when one is provided, is the conductor that has an outer surface of insulation that is green with or without one or more yellow stripes.

Motor electrical data can be found in section Grundfos submersible motors, 60 Hz.

### 8.3.1 Maintenance and service SPE

The following is only valid for SPE pump sets.

#### DANGER

##### Magnetic field

Death or serious personal injury



- Do not handle the rotor if having a pacemaker.

#### DANGER

##### Crushing of hands

Death or serious personal injury



- Keep the rotor surroundings free of magnetic objects and be careful when placing the rotor on a magnetic surface.

#### DANGER

##### Electric shock

Death or serious personal injury



- Make sure that motor cable ends are not live before starting work on the product.
- Make sure that the power supply cannot be accidentally switched on.

In case of unintended flow of water through a non-energized pump there is a risk that the moving parts of the pump and the motor will start rotating, thereby generating voltage over the terminals. The size of the voltage depends on the speed of rotation. Due to this the motor terminals must be considered as live until proven otherwise.

### 9.1 Troubleshooting SPE

SPEThe following is only valid for SPE pump sets.

#### DANGER

##### Magnetic field

Death or serious personal injury



- Do not handle the rotor if having a pacemaker.

#### DANGER

##### Crushing of hands

Death or serious personal injury



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#### DANGER

##### Electric shock

Death or serious personal injury



- Make sure that motor cable ends are not live before starting work on the product.
- Make sure that the power supply cannot be accidentally switched on.

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