

REPAIR GUIDE

REPAIRS TO WETTED PARTS

ProMinent offers a wide range of products, which is used in numerous target sectors. Because of the variety of the materials we use, our products are able to transport a huge range of process media, including many chemicals classified as hazardous. This is a major benefit of our products – but also a problem in terms of maintenance/repairs. However, it is of great importance to ProMinent that neither people nor the environment come to any harm.

Only you, the operator, are fully aware of the hazardous materials used on site. So you ensure that no logistics service providers and none of our staff in incoming goods and in the repair department come to any harm as a result of any kinds of chemical residue. From your daily work, only you know how the chemical residues in our products used in your application can be detoxified/destroyed/removed.

In principle, only cleaned parts can therefore be repaired. In addition, safety data sheets relating to the process medium used and the fully completed decontamination certificate must be attached to the outside of the package so that we can clearly see that the package is for repairs. Processing cannot take place without these conditions. Untreated parts are returned freight forward to the sender in compliance with the transport regulations for hazardous goods.

This is the only way to protect people and the environment.

QUESTION: WHICH PARTS CAN BE DESCRIBED AS "WETTED" AND WHAT REQUIREMENTS NEED TO BE NOTED FOR THEM?

"Wetted" describes all products/parts/components, which come into contact with process media – both internally and externally (by contaminating/spraying the housing), so it's important to also clean the housing (e.g. including the controller) of contaminations.

PRODUCTS WHICH HAVE COME INTO CONTACT WITH HAZARDOUS MATERIALS AS A RESULT OF CONTAMINATION EXTERNALLY OR INTERNALLY

In these cases, it is important that cleaning takes place on the OUTSIDE too. Controllers, fittings and other parts are often contaminated with crusty deposits or sprayed chemicals. We are not in a position to know the media with which your device has come into contact. In such cases, the device/apparatus must also be cleaned from the outside in order for us to carry out the repair. We are not able to repair dirty devices/apparatus on the grounds of health and safety and environmental protection.

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PUMPS

If a pump cannot be totally cleaned by means of flushing, the liquid end should also be removed and the individual parts should be cleaned of any hazardous materials present in a hazardous quantity. Should you encounter any problems, please consult the repair department.

SOLENOID VALVES

Solenoid valves should be flushed thoroughly. Ensure that there are no longer any remains of hazardous materials stuck on.

SUCTION ASSEMBLIES

Suction assemblies should be flushed thoroughly. In order to completely empty, if necessary the foot valve should be removed to also remove remains of hazardous materials from this area.

HIRED SYSTEMS/COMPLETE SYSTEMS (PANEL-MOUNTED)

Complete systems have to be cleaned too. Again, this relates to all wetted parts. When cleaning, please do not forget the hoses and suction assemblies. We cannot accept any operating chemicals and they must not therefore be returned. If you have any questions about decontaminating a system, please consult the repair department.

FLOW METERS

Flow meters should be flushed thoroughly. Ensure that there are no longer any remains of hazardous materials stuck on.

INJECTION VALVES/FOOT VALVES

These should be flushed thoroughly while the strain on the springs is relieved.

SENSORS

This relates to ALL amperometric sensors and the conductivity sensors. ORP and pH sensors, i.e. all glass sensors, fall under this category too. Glass sensors, whose glass is broken/cracked, are usually irreparable and should NOT be returned.

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BACK PRESSURE VALVES

Good cleaning can be achieved by opening the setting screw and therefore relieving the strain on the springs.

DEFECTIVE CHLORINE DIOXIDE REACTORS

Please do not return without prior notice. This is a difficult matter because even if flushed, chlorine dioxide diffused into the reactor wall material will continually diffuse back into the room. Before returning, please contact the repair department and discuss the matter.