

# NETZSCH

Proven Excellence.



## MultiProtector: The Monitoring and Protection Unit

An app displays the critical data of your pump, warns, and protects it from damage

Pumps & Systems

# MultiProtector

## Pump protection device for NETZSCH pumps

The MultiProtector is a monitoring and protection unit developed for NETZSCH positive displacement pumps. With this device, you can detect possible pump difficulties at an early stage. Based on, preset threshold values, you can protect the pump from damage in advance.

The MultiProtector analyzes the data on overpressure, temperature, leakage (conductivity measurement) and voltage. In the "MultiProtector" app, you can define two threshold values. One threshold value causes an alarm, the second one triggers a warning, which can also be used to switch off the pump. In addition, the error history is documented, and a live diagnostic can be performed. You can analyze the condition of the pump based on individual reports and optimise it. The pump is thus protected from damage.

### What can be monitored?

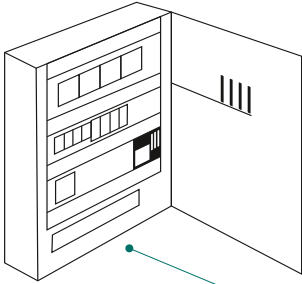
- Temperature of the motor, stator, and pumped medium
- Pressure at the discharge port of the pump, signal input 0-20 mA (4-24 mA)
- 2 ways to measure leakage (conductivity measurement)
- Motor frequency
- Motor voltage

### With the "MultiProtector" app, handling is very easy

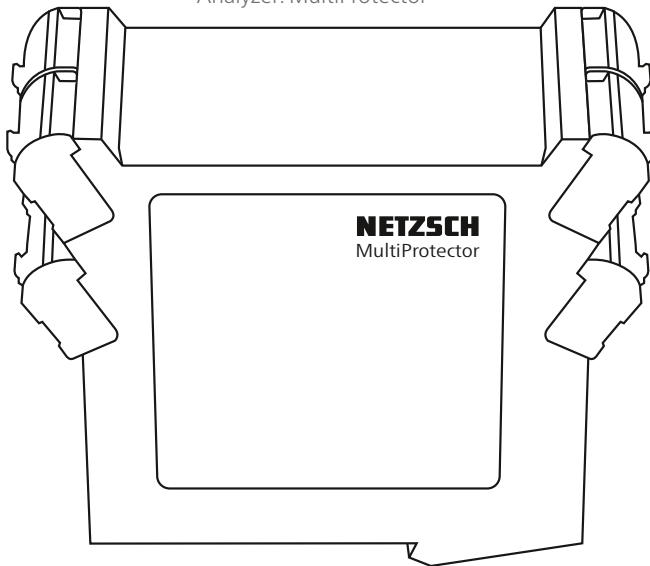
The MultiProtector pump protection unit can be connected to mobile devices such as smartphones, tablets or laptops. With the app, you can set the threshold values on the device, display the pump's sensor data in real-time and generate reports.



Installed in a control cabinet



Analyzer: MultiProtector



Real-time diagnosis



2 threshold values  
can be defined per  
sensor. These can lead  
to a warning signal or  
switch off the pump.

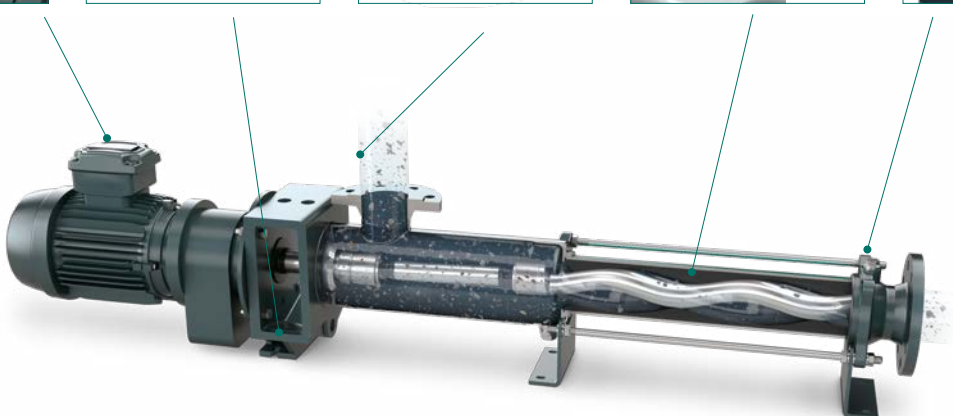
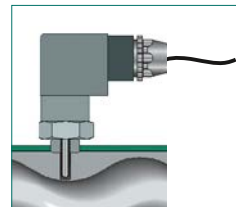
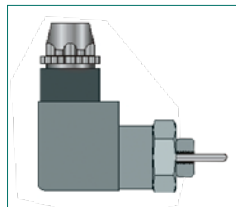
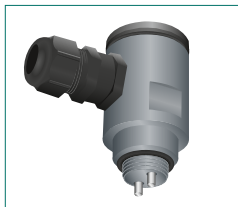
Sensor for motor  
voltage and  
temperature

Sensor for leakage  
detection

Sensor for monitoring  
the media temperature

Temperature sensor for  
dry-running protection

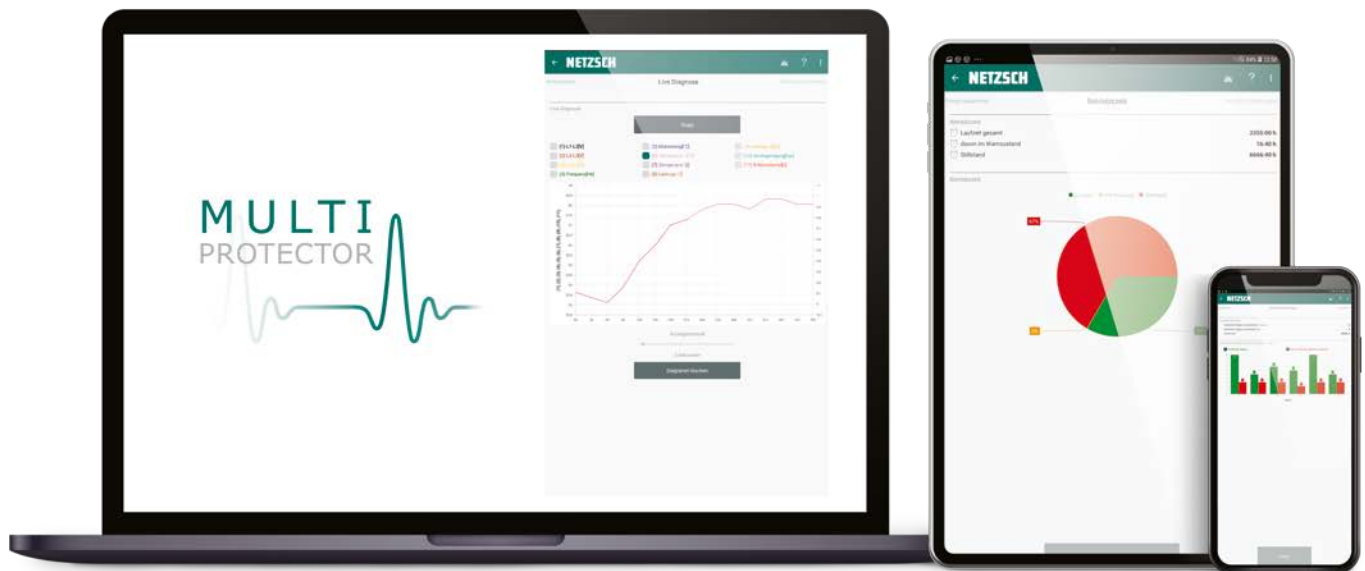
Sensor for measuring  
the discharge pressure  
of the pump



# Anytime and anywhere

Retrieve data and avoid downtime

With one click in the app, you can create a PDF report with error history, statistics and set parameters. You can use this for documentation or also for troubleshooting.



**NETZSCH**

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