



Diagnose-Capable Filter Unit

Degrees of contamination,
running time, medium
temperature: This filter system
has an eye on everything

WFSD

Highlights / Benefit

- Reliably retaining contamination particles
- Monitoring different process values
- Controlling the availability:
preventive instead of reacting
- Status display and parametering via
an integrated display
- Digital outlets / Field bus connection for
connecting to superior control units
- Robust filter cartridge design

The WFSD filters your medium effectively and monitors all important process values

Get the best medium quality and reduce machine standstills.

Contaminations in lubricants complicate the reproducibility and repeat accuracy of industrial lubrication processes; they could damage dosing systems as well as spraying and application systems and will lead to process-related, costly production downtime. The diagnose-capable Filter System WFSD will reliably filter lubricants, thereby protect all subsequent process components and guarantee consistent purity as well as stable application conditions for medium and application system. With the WFSD, you will additionally profit from a large number of practical functions! Do not simply react, be a planner: The times when the status of a filter was primarily detected from the application quality are definitely over. With the help of integrated electronics, the current degree of contamination of the filter cartridge will be displayed at any time. This will reduce unplanned machine standstills and increase the system availability. As part of a 'predictive maintenance', you can now plan the replacement of the filter cartridge as part of parallelly conducted maintenance work. The Diagnose-capable Filter Unit will also monitor process values such as inlet and outlet pressure, medium temperature and the lifetime of the filter cartridge, and will issue a warning when the defined limit values are exceeded or fallen below. A password protection will prevent any unauthorized changes in the device configuration. After replacing a filter cartridge, the device can be vented by means of a venting screw. As a module of the Modular Series, the Diagnose-capable Filter Unit has a compact design, can be easily installed and can be integrated in any dosing and application system. Above that, flanging it to other modules of the series is fast and easy.

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Technical Data

Inlet pressure (medium)
max. 200 [bar]

Supply voltage
24 [VDC]

Dimensions (L x W x H)
153 x 79 x 91 [mm]

Weight
1,9 [kg]

Digital outlets
4 X 24 [V DC]

Field bus
RS485 Modbus RTU

Walther Module length
3 [TE]

Optional / Accessories



Filter cartridge
Mesh insert



Bus connecting line
Control connection



Connecting line
Current connection



Module Connector Set
Combination



Holding angle
Fastening