

Filter Systems

Identify undesirable water timely:
HYDAC's new AquaSensor AS 3000



Water can enter hydraulic and lubrication systems as a result of worn gaskets, tank breathing, formation of condensation and leakage. Water dissolved in the operating fluid is detected using aqua sensors. The AquaSensor AS 3000 is for online detection of water in oils. It records the water saturation and the temperature of the operating fluid. The sensor has an integrated display, which shows the current measurements. Additionally, the AS 3000 has 2 switch outputs and one switchable analogue output signal (4 ... 20 mA or 0 ... 10 V).

The AS 3000 transmits the values in the form of an analogue or switching signal. The display shows the actual measured values. All the settings are grouped in two easy-to-navigate menus. The following parameters can be modified:

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- Saturation level / temperature
- Switching points
- Switching mode of switching outputs
- Switching direction
- Switching delay times

The AS 3000 thus enables hydraulic and lubricating oils to be monitored accurately, continuously and online.

The fluid sensor has the following properties:

- 4-digit digital display (with adjustable switching points), can be aligned in two axes
- Pressure-resistant, even with pulsations
- Dependable, thanks to compact and robust construction
- Individual configuration
- User-friendly due to key programming
- No calibration to different types of oils required
- Early recognition of water problems, resulting in avoidance of disruptions and unnecessary operations interruptions

The AS 3000 is highly versatile and can be used in all hydraulic and lubrication systems in industry branches as well as in mobile hydraulics.

Further information: <http://www.hydac.com>

Or simply send an e-mail to filtersystems@hydac.com