

Xtremely flexible for Xtra large cooling systems

Controller AEGIS X

ProMinent®



Controller AEGIS X

for more than just one cooling water circuit



Extendable by up to two satellite units
to increase the number of inputs and outputs and thus the possibility of connecting further sensors and pumps.



Digital and analog connection possibilities
via various signals to control pumps and inputs for digital and analog sensors.



Customizable web server
allows an easy configuration of the process set-up as well as monitoring and visualisation of data.

Intuitive handling
via local unit HMI (Human Interface) with industrial easy-to-read display and rugged buttons for standard tasks, e.g., calibration and monitoring.



Superior overview and control of the cooling tower processes
All process data and alarm conditions can be transferred to PLC (Process Control System) via fieldbuses, e.g. Modbus RTU.

Advanced communication options
Various network protocols e.g., FTP, MQTT for remote access and data management via Wi-Fi and Ethernet.

Monitoring of many evaporative cooling systems at once – easy, flexible and digital

AEGIS X is a water treatment controller for cooling towers and boilers.

To optimise the cooling process and minimise biological growth, deposits and corrosion, the controller continuously monitors the electrolytic conductivity and controls the blow down. A time- or measurement-based biocide metering prevents contamination in the cooling tower.

With up to two satellite units, AEGIS X monitors and controls several cooling towers simultaneously. The combination of **main and satellite unit** provides an extremely **high flexibility**. This makes the controller particularly suitable for **large cooling systems with many parameters**, e.g., corrosion.

Thanks to many **communication options**, you can control the cooling tower conveniently from distance. A **customizable web server** allows an easy management, tracking and visualisation of data.