

Flow measurement: One for all

KROHNE has set the standard in the paper industry with its OPTIFLUX electromagnetic flowmeters. The OPTIFLUX covers all applications in the paper industry, from additive measurement right through to recovered paper reject, with just one converter. This means there is no need for special types of EMF, even for "complex" measuring points, thus simplifying plant design, training and spares inventory.

The OPTIFLUX is tailored to the needs of the paper industry: It has convinced users by virtue of its single converter for all sensors, its unique 3 x 100% diagnostics and consequently the fact that it does not require regular maintenance.



OPTIFLUX 4300

OPTIFLUX – 3 x 100% diagnostics

OPTIFLUX's 3 x 100% diagnostics function is divided into the standard instrument diagnostics, to which KROHNE - the only provider ever to do so - has added a complete application diagnostics function and an accuracy and linearity test (out-of-spec diagnostics). This provides the user with reliable information about the instrument condition, the quality of the measurement as well as any application faults. With its 3 x 100% diagnostics OPTIFLUX not only offers much greater reliability than any appliance with a SIL2 certificate, but it also exceeds the VDI/VDE/NAMUR-2650 specifications.

The 3 x 100% diagnostics function guarantees the user high availability of his system. OPTIFLUX's 3 x 100% diagnostics can diagnose malfunctions early on, initiate maintenance measures and thus prevent production downtime.

OPTIFLUX's outstanding measuring performance in conjunction with the new diagnostic functions is particularly effective where electromagnetic flowmeters - and consequently users - faced problems in the past: For measurements with minimal conductivity, rapid changes of media and media with a high solid content.

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