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# FlowCon Sensor - new market standard for solar heatmetering

## The Situation

RESOL is Europe's market leader for solar thermal control technology. The company has more than 30 years of experience in the development and production of solar thermal controllers. RESOL is well known for their innovations which have changed solar market standards in the past.

But still - not all Solar Thermal Systems are working as efficient as they could. Some of them are even operating without any energy yield, due to poor installation and/or maintenance. The Problem is that end-users do not receive any notice of failure or inefficiency because the back up boiler provides the heat required.

Therefore RESOL was actively looking for a reliable and cost effective way to measure the heat output of a solar thermal system. The purpose was to develop the most innovative solar-pumpstation with an integrated heatmeter and further intelligent features.

## The Grundfos Solution

By measuring and monitoring all relevant parameters of a Solar System (e.g. flow, pressure, supply and return temperature) the heat-output can easily be calculated.

All these measurements can be done by 2 Grundfos Direct Sensors <sup>™</sup>. RESOL is convinced that these cost-effective sensors can make an important contribution providing:

- > a "real" function by heat metering
- > improved efficiency
- > greater comfort
- > enhanced safety & ease of use

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### TOPIC:

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### LOCATION:

Germany

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### COMPANY:

Resol

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