

High functionality and compact design

Ehrmann AG places its trust
in the Picomag flowmeter from
Endress+Hauser



Ehrmann AG is one of Germany's largest dairy producers. The family-owned company believes in tradition and insists on superior quality and nature, a demand that is satisfied in every phase of the manufacturing process through the use of the finest ingredients such as select fruits, plus milk from animals raised in Germany's Allgäu region in environments conducive to their welfare. To ensure constantly better quality and taste, Ehrmann AG relies on state-of-the-art technology and the efficient and sparing use of raw materials.

"The Picomag flowmeter from Endress+Hauser completely met our expectations with respect to functionality, performance and engineering design"

Daniel Frommel
Head of Engineering Projects,
Ehrmann AG, Oberschöneck, Germany
(Allgäu region)



Tight spaces are not uncommon in the food industry. That means manufacturers want measurement instruments that not only perform the required task in line with the application, but devices with a compact design, all without having to sacrifice functionality. The Picomag flowmeter from Endress+Hauser meets this challenge – no strings attached. That's why it was the recipient of the 2018 Red Dot Award.

Customer challenge Modern dairy operations take great pains to prevent every bit of product loss and leakage. For this reason, numerous pump processes utilize slide ring seals that ensure optimal pressure together with seal water and thus help maintain the functionality of the seal. This not only keeps milk from leaking into the waste water, but prevents seal water from getting into the milk. The tight spaces in these pump installations often make it difficult to ensure reliable flow measurements.

Our solution The compact design of the Picomag makes installation easy, without sacrificing functionality, particularly when space is at a premium. The Picomag safely and precisely monitors the amount of seal water to ensure reliable functionality of the pump. Apart from flow and totalizer, Picomag also shows the temperature on an easy-to-read monitor. The horizontal position of the display is automatically aligned with the installation to ensure optimal reading of the parameters. The robust, stainless steel enclosure is easy to clean and helps avoid contamination. This is an important argument for customers, especially when it comes to product safety.

The result



Thanks to the Picomag, tight installation spaces are no obstacle to ensuring precise flow measurements.



The user-friendly display makes it easy to read the flow and temperature values.

Customer benefit

- Fast and wireless instrument configuration via Bluetooth, even in difficult-to-access locations
- Fast and easy navigation of the instrument and diagnostic functions via the SmartBlue app
- Large, user-friendly display

Summary Ehrmann AG has a large installed base of Picomag flowmeters to safely and precisely monitor flow, thus providing a reliable way to prevent product leakage.

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