

Welcome at the Webinar:

Micro Turbine Technology in low flow applications

Please already log into **slido.com**
with **# 606**

Or scan:

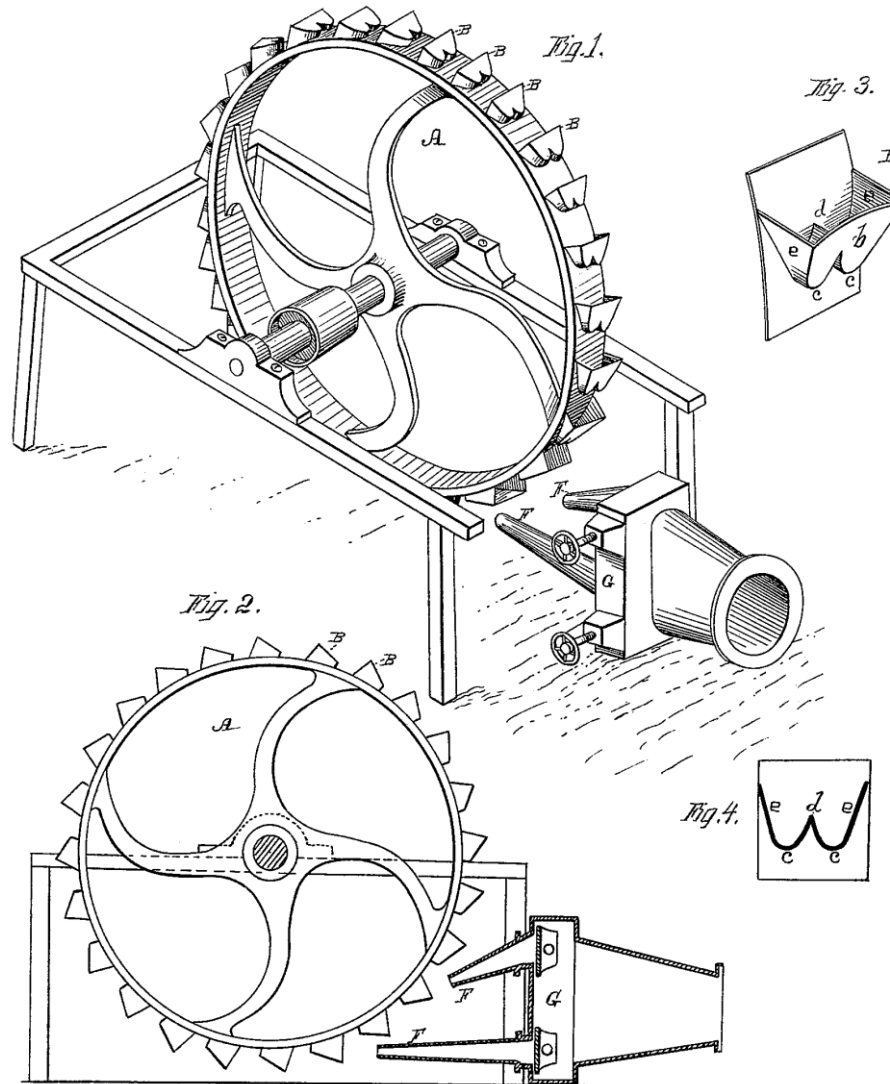


Table of Contents

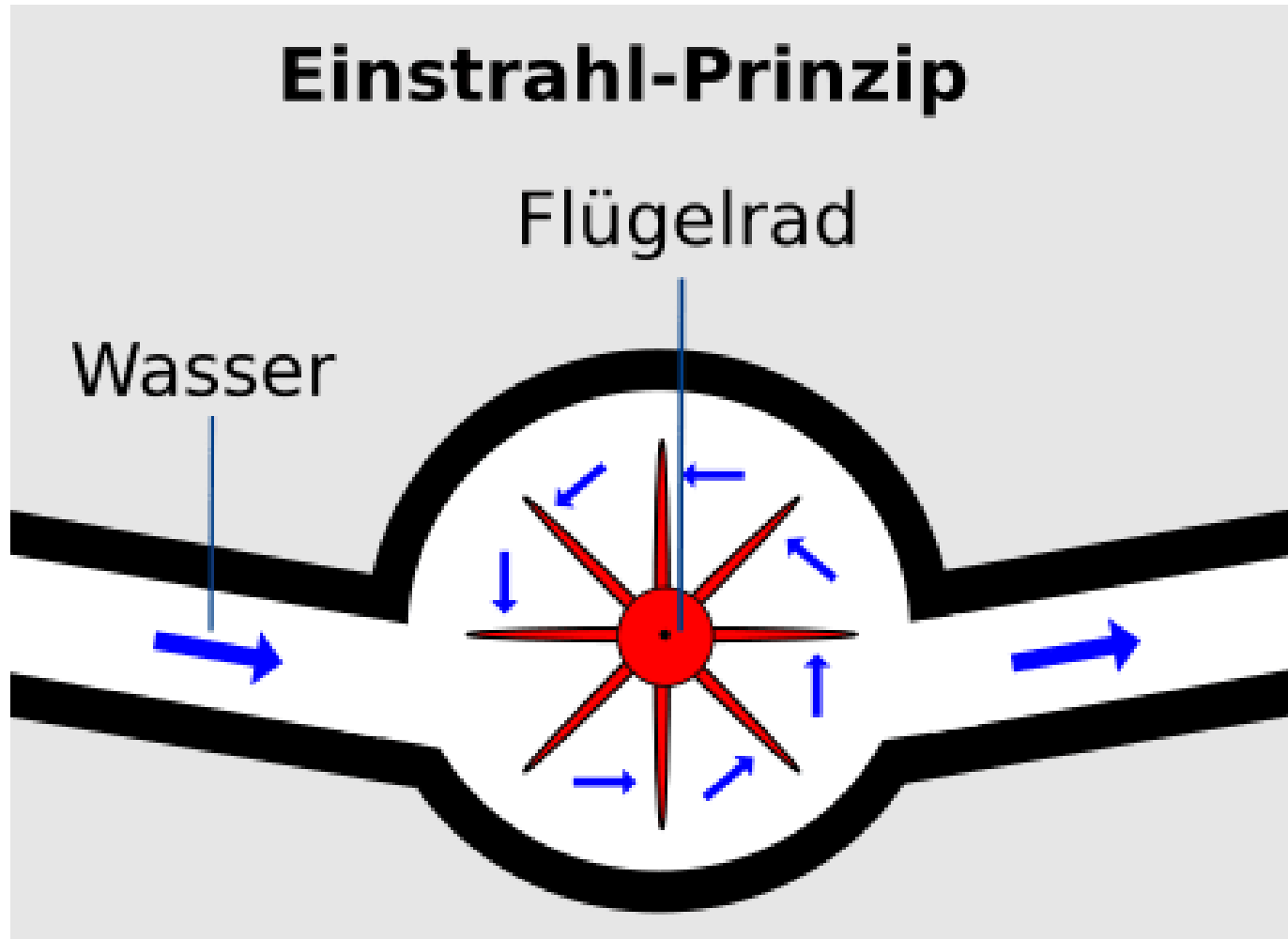
- Introduction Turbine wheel technic
- Measuring principle
- Pulse description
- Nano family and USP's
- Robot Production
- Applications

What is the Turbine wheel technic?

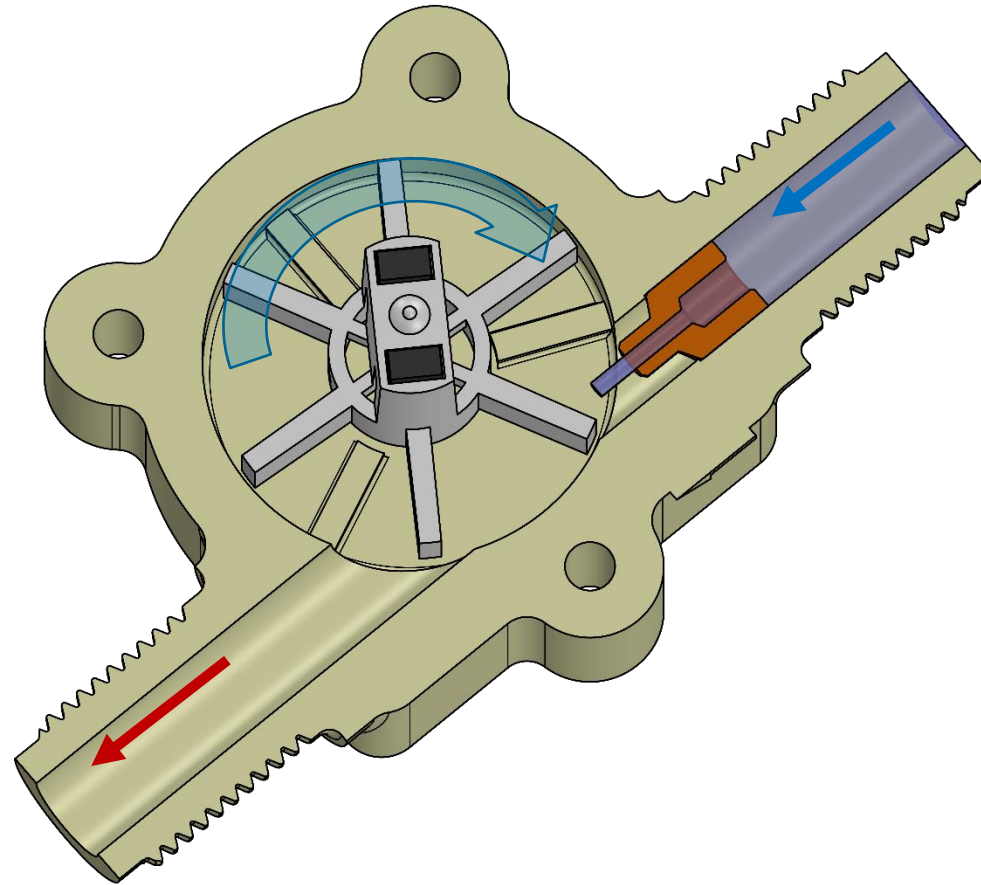
- Pelton Wheel
- Puls; Reed vs Hall
- Hall, more magnets



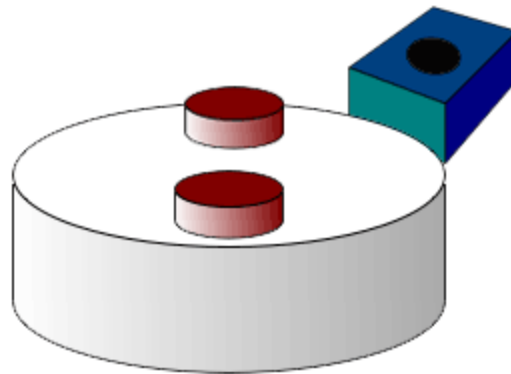
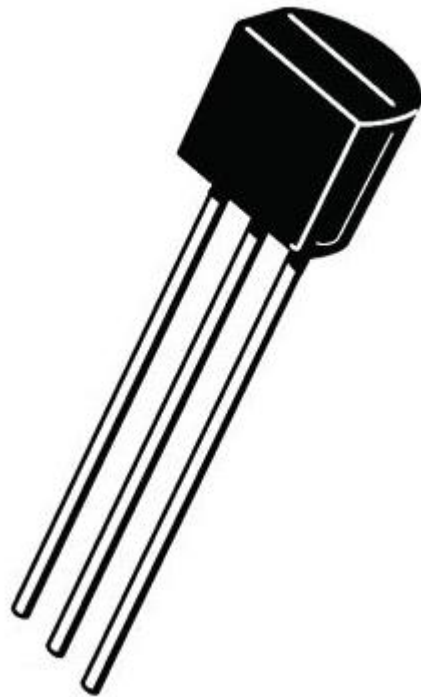
Measuring principle turbine



Measuring principle turbine

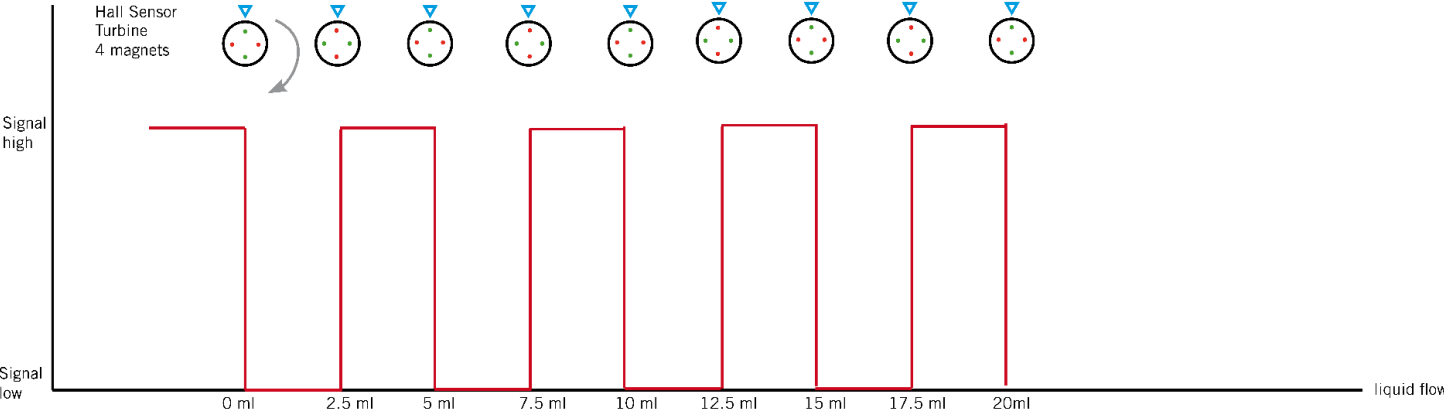
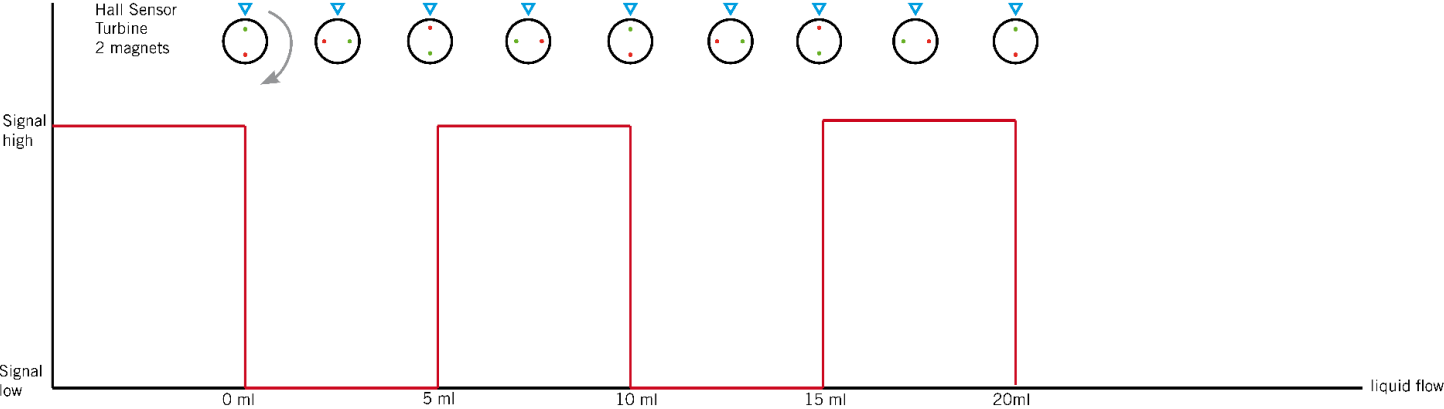


Hall sensor



A Hall sensor uses the Hall effect to measure magnetic fields (Picture Wikipedia)

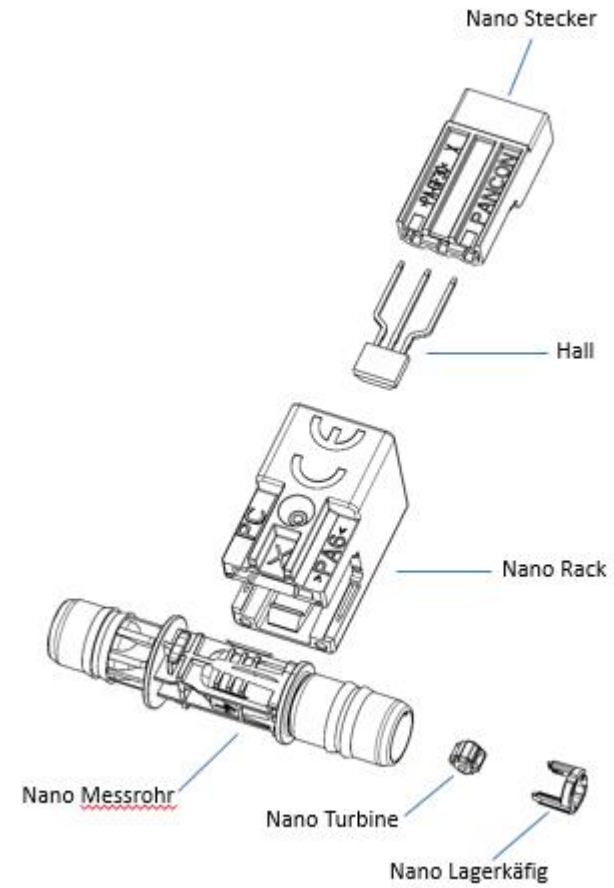
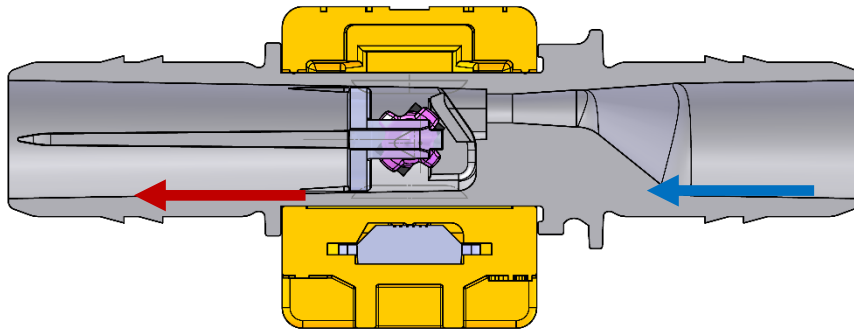
Pulse description



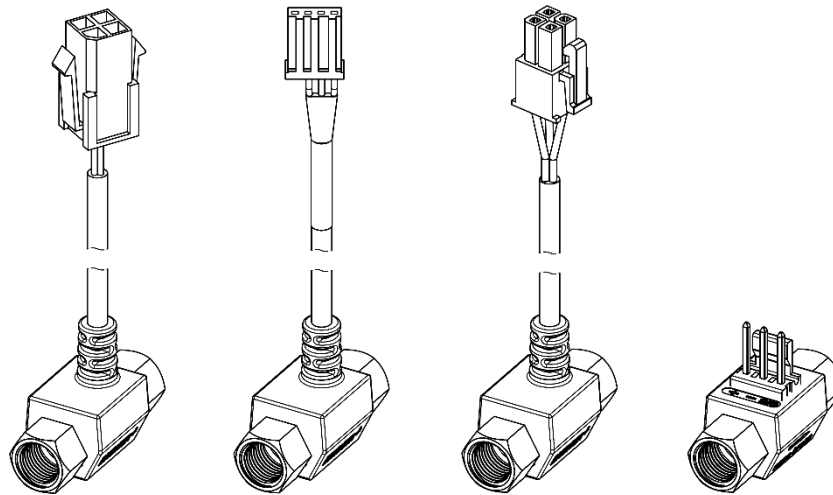
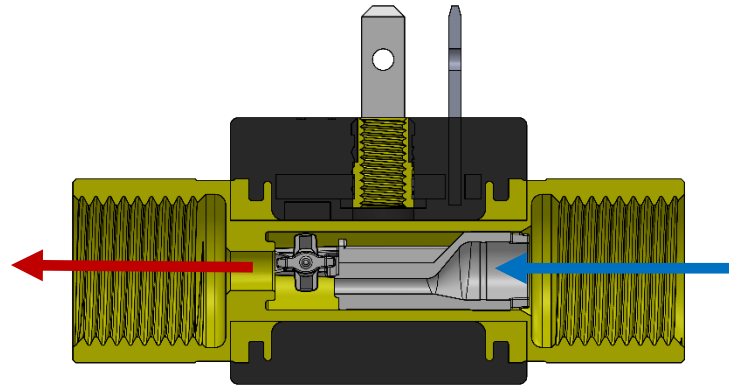
Example; Nano Family



Nano



Nano Brass / Nano Inox



Key Features

- Unique Design
- Small
- Flexible mounting position
- Extremely high pulse rate (till 48k Pulses / Liter)
- Automated production



Typical Nano Applications



Low flow

High resolution

Chemical resistant material



Typical Nano Applications



Low flow

High resolution

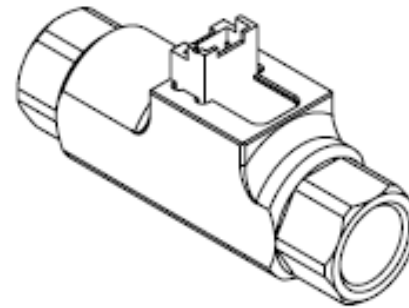
Pressure & temperature resistant



Product Concept NANO-FLEX

USPs

- Compact and lightweight
- Higher flow range
- Freely selectable mounting position
- High resolution
- Up to 4k pulses/liter
- Modular concept



Different Applications



High precision & viscous dosing

Chemical resistant

Different flow ranges

Conductivity & Temperature



Thanks for watching – any questions?



Host: Samuel Morgenthaler
Samuel.morgenthaler@digmesa.com



Host: Bob Asselman
b.asselman@teesing.com