

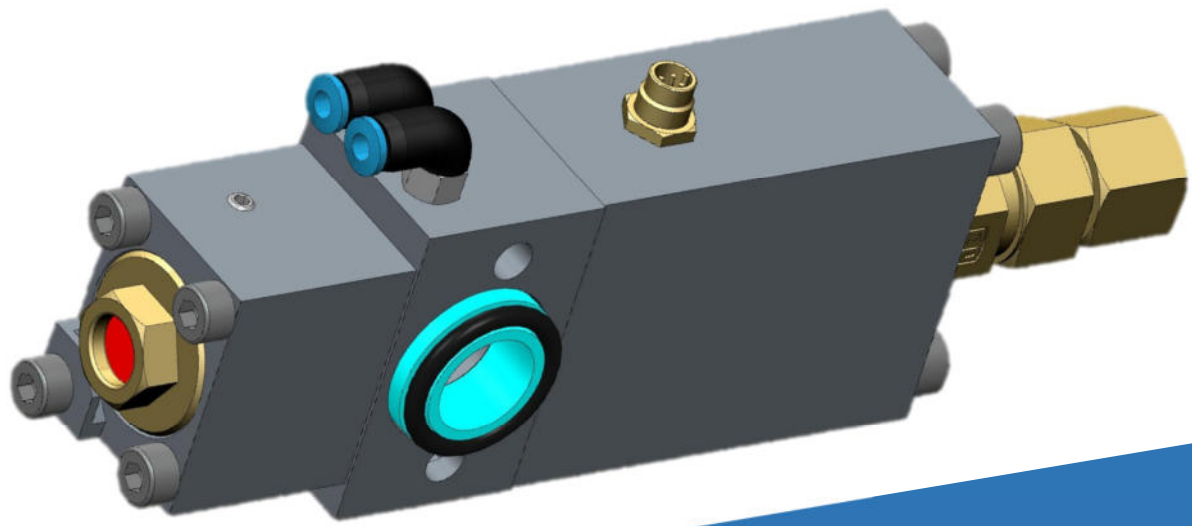


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FLOW RATE MEASUREMENT



jerko
Sprühsysteme



INDUSTRY 4.0 UNIQUE ON THE MARKET

This is what we offer

Ever since the project start, the Jerko flow rate measurement has been a unique success story.

On the request of the German bulk metal forming association, Massivumformung e. V., sensors for the reliable detection of spray volumes were developed.

The partners of the association were of course able to rely upon Jerko's innovation capacity and are now provided with the means to monitor their processes even closer.

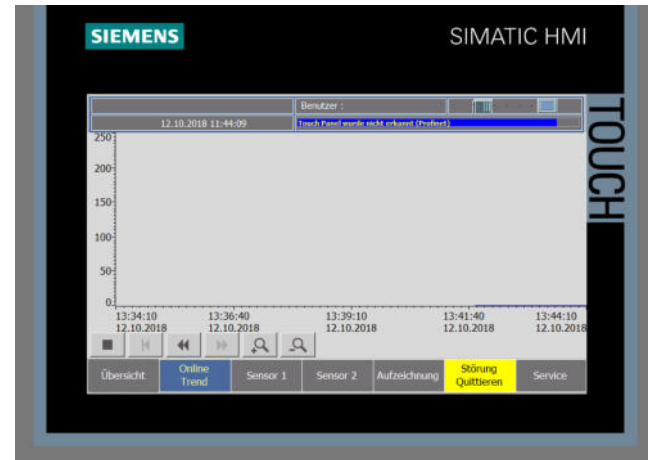
The sensor can be used with all common forming lubricants — independent of whether they contain oil or solids. Even non-Newtonian liquids are reliably detected.

It is a space-saving sensor which can be integrated into almost every spray system, also as a retrofit component.

Already prior to the subsequent forming process, this sensor detects whether the tool has been supplied with the required lubricant volume. Related tool damage as well as follow-up costs can thus be avoided.

The advantages — an overview

- Unique on the market!
- Reliable measurement results
- Reliable detection of smallest spray volumes
- Retrofit possible
- Evaluation via HMI
- Control loop for industry 4.0



Technical data

DFS 02 sensor

Installation dimensions l x w x h:	70 mm x 30 mm x 56 mm
Spray time t_{\min} :	0.07 s
V_{\max} :	0.66 l/s
P_{\max} :	25 bar
Medium temperature:	0 ... +70 °C
Media:	water, oil, lubricants containing graphite, lubricants containing salt
Connection:	M12
Degree of protection:	IP65
Housing:	stainless steel

Software for DFS 02

- Analysis of trends with alarm function
- Control loop for spray time
- Individual evaluation
- Calculation of spray costs



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**BENEFIT FROM THE COMPETITIVE
ADVANTAGE OF THE TECHNOLOGY
LEADER**

JERKO — your goal, our challenge

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