

## SPRAY VALVE DAS 30

The micro-spray valve **DAS 30** is designed to obtain micro-spraying of various types of fluid.

The miniaturized size is perfect for compact layouts, and its design and strength make it ideal for who is looking for a real cost-effective solution.

The spray valve **DAS 30** can be equipped with various kind of extensions, to fit perfectly any different application.



### DAV TECH SRL

Via Ravizza, 30  
36075 Montecchio Maggiore (VI) - ITALY  
Tel. 0039 0444 574510  
Fax 0039 0444 574324

[davtech@davtech.it](mailto:davtech@davtech.it)  
[www.davtech.it](http://www.davtech.it)

#### FIELDS OF APPLICATION:

- > Oil and lubricants micro-spraying
- > Release agents micro-spraying
- > Aggressive agents micro-spraying

#### FEATURES:

- > Fine adjustment of the flow rate
- > Needle and nozzle in stainless steels
- > Simple and cheap
- > Available in PEEK for reactive fluids
- > Available with various extensions for any application.

#### Technical data

<b>Model</b>	DAS 30
<b>Drive</b>	Single acting
<b>Weight</b>	140g
<b>Dimensions</b>	40x25x25 mm
<b>Max fluid pressure</b>	Max 3 bar - MP version until 12 bar
<b>Actuating air pressure</b>	5-6bar
<b>Atomizing air pressure</b>	0,5 - 6 bar
<b>Type inlet air</b>	Tube 6x4mm
<b>Type inlet fluid</b>	Tube 6x4mm
<b>Air cap</b>	For round or flat spray
<b>Speed</b>	Until 200 cycle/min
<b>Adjusting</b>	Micrometric
<b>Used materials</b>	Stainless steel
<b>Fluids to be dispensed</b>	Oil, lubricants, release agents, thread-lockers (PEEK Version) etc

## EXTENSIONS DAS 30

The valve DAS 30 is equipped upon request with extensions, for example for radial spraying. The extensions are available with a length between 100 and 600 mm and allow a 360° spraying, without contact, with the result of a fine coating or the area, with a fixed amount of fluid.



## DAS 30 PEEK

In this version the valve DAS 30 is able to spray reactive fluids, such as anaerobic fluids (thread lockers for example). This solution is perfect when is needed to cover a certain area with a film of fluid, and a single drop in the middle is not enough.



## DAS 30 SENS

The valve DAS 30 can be equipped with an inductive proximity sensor, that is able to check the right opening and closing of the valve. The sensor is mounted on the fluid adjusting, and is not needed to change its position when the adjustment is changed.



### Valve configurations

# DAS 30

#### EXTENSIONS



**Length**  
**FRONT**  
 100 mm  
 200 mm  
**RADIAL**  
 100 mm  
 200 mm  
**NONE**

#### NOZZLES AVAILABLE

Ø  
 mm  
 • 0.3  
 • 0.5\*  
 • 0.8\*  
 • 1  
 • 1.2  
 • 1.5



#### HOOD



**CR**  
**round**

• 15°\*  
 • 45°



**CO**  
**oval**

• 45°  
 • 60°\*  
 • 90°

\*Standard.  
 Special versions available on request.

### Connection diagram

