Oil Gun – OS

- For environmentally safe and targeted lubrication

Targeted lubrication in hard to access locations... often only a single drop of oil is needed in the right spot.
The oil gun sprays with precision up to a distance of 1 m (depending on viscosity and pulse frequency). Its area of application – wherever there is little space and cleanliness is a must.
Each drop reaches its target. So, lubricating can be economical and free of health hazards (without oily mist).

Viscosity: 10 – 150 mm²/sec. (medium oils) without adhesives, without solids.
Operat. temperature: –25 °C...+80 °C.
Max. clock speed: 160/min. (measured at a viscosity of 150 mm²/sec.).

Model with Viton-seals,
Order-No: **OS-BP/V, OS-BP4,5/V**

How it works:
The pneumatic operating pressure is 4 - 8 bar. The function is actuated by a 3/2 way-valve (Order-No. **MV26-3218-30 (= 24 VDC)** or **MV26-3218-06 (= 230 VAC)**). The pump container has to be installed vertically, as shown. The oil is pressed through a pressure cylinder into the lines at an approx. pressure of 50 bar. The oil is released by the dosing valve (5 – 100 mm³). All parts are ready to connect at the time of delivery, only the hoses (Order-No. **S-PA4** – refer to the chart) must be ordered, cut, and installed as needed.
A max. expansion for up to 8 lubricating points is possible with 2 **V4**-distributors.
Before each dosage valve a **V1** dispenser is inserted for venting the supply pipe. The dosage valves have fixed dosages and are not adjustable. They can be exchanged according to your needs.

Remark:
With increasing viscosity, reach and cycle frequency will decrease.

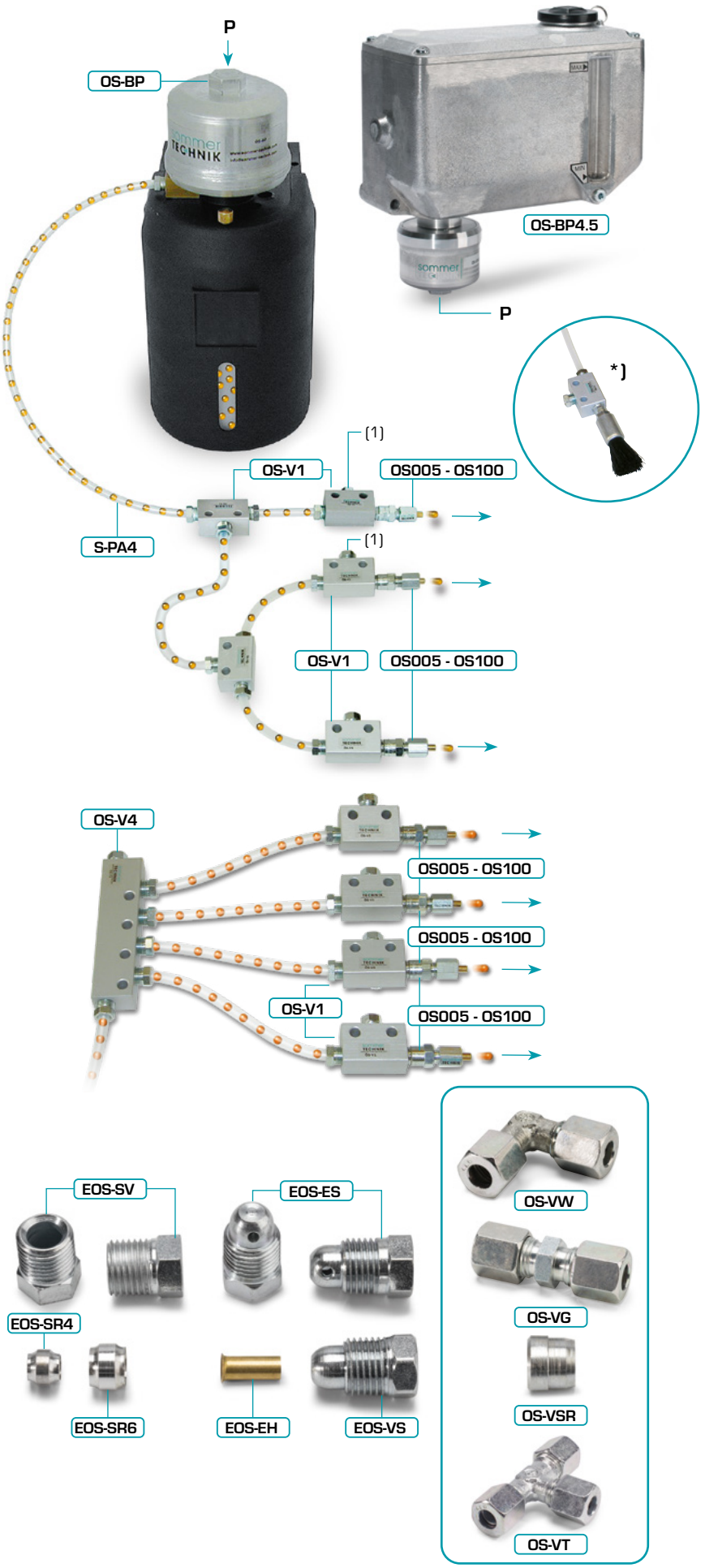
*) Matching brushes (BU-R12, BU-R20) for surface atomizing – see next pages.

Order example for 2 lubricating points:
1x OS-BP + 3x 05-V1 + 2x 05010 + 5 m S-PA4

Remark:
Before initial start-up the system must be vented several times, until it is free of air bubbles.

(1) Venting

Lubricating points on the V4-distributor which are not in use have to be closed (suitable blind plugs are included in the delivery).



Order-No.	Description
OS005	Dosing valve 5 mm³
OS010	Dosing valve 10 mm³
OS025	Dosing valve 25 mm³
OS050	Dosing valve 50 mm³
OS100	Dosing valve 100 mm³
OS-BP	Container + pump 1.2 l
OS-BP/V	Container + pump 1.2 l Viton
OS-BP4,5	Container + pump 4.5 l
OS-BP4,5/V	Container + pump 4.5 l Viton
OS-S1,5	Level switch for OS-BP
OS-S4,5	Level switch for OS-BP4,5
OS-VW	Angled cutting ring screw joint
OS-VG	Cutting ring screw joint
OS-VSR	Spare cutting ring for screw joint
OS-VT	T cutting ring screw joint
EOS-SR6	Cutting ring ø 6 mm for S-PA4
EOS-SR4	Cutting ring ø 4 mm
EOS-SV	Hose connector
EOS-ES	Venting screw
EOS-VS	Closing screw
EOS-EH	Hose plug-in sleeve
OS-V1	Connection-ready distributor
OS-V4	Connection-ready distributor
S-PA4	Fluid Hose per m