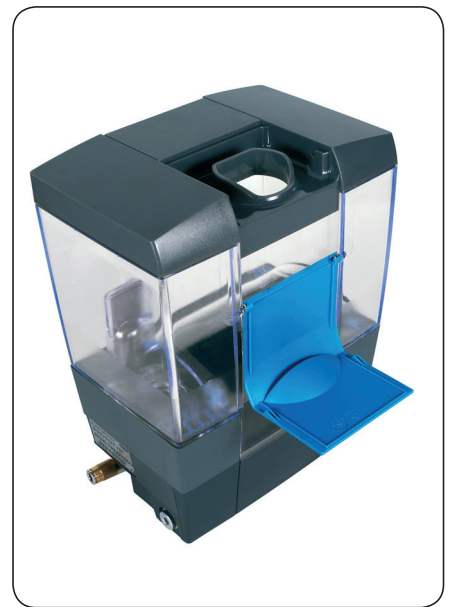


Pneumatically driven piston pump unit PPS30

For fluid grease and oil
For small and medium-sized machines and equipment



The compact unit not only features proven, robust lubrication technology with integrated functional elements but also sets new standards in terms of design.

- Extremely compact, sealed design with a modern appearance
- Concentrated functionality with integrated relief valve and electronic sensors

The unit's operation follows a simple philosophy: the focus is on the user. Both the overall shape and the controls integrated ergonomically into this shape make it easier to work with.

- Fast and simple installation
- Flexible connection system for any mounting position
- Easy visual fill level monitoring, plus electric fill level control
- Simple cleaning
- New concept for filling the reservoir: a central opening enables easy filling from all sides, and the forward-opening flap also serves as drip protection.

The unit combines innovative design with modern, integrated technology and enables safe and secure supply of lubricant to your machine. In addition to low investment costs, it offers very low operating costs over the entire life cycle due to its minimal compressed air consumption. The unit is compact, lightweight, and made almost entirely of functional high-performance plastics.



Technical data

Pump

Order number	PPS30-...
Dimensions	187 x 246 x 129 mm (WxHxD)
Minimum installation space	230 x 300 x 250 mm (WxHxD)
Weight (empty)	1,95 kg
Mounting position	vertical
Drive	pneumatic
Reservoir capacity	1,5 l
Reservoir material	Plastic (SAN)
Actuation pressure	4,5–6 bar
Operating pressure	up to 27 bar*
Lubrication cycle number	max. 6 cycles/h
Delivery volume	30 cm ³ /stroke
Operating temperature	+10 to +50 °C (+50 to +122 °F)
Protection class per DIN EN 60529	IP54
Lubricant	Mineral and synthetic oil Operating viscosity 20–1 500 mm ² /s Fluid grease, NLGI-Grade 000, 00 max. 3
Number of outlets	

Fill level switch to monitor minimum lubricant level**

Lubricant	Oil or fluid grease
Function	Capacitive, NC-contact
Switched voltage range	10–36 V DC
Power consumption	max. 150 mA

Pressure switch to monitor pressure build-up and overall function

Function	NO-contact
Rated pressure	16 bar
Electrical connection	4-pin M12x1 circular plug

- * Dependent from inlet air pressure
- ** Can be used as pre-warning signal

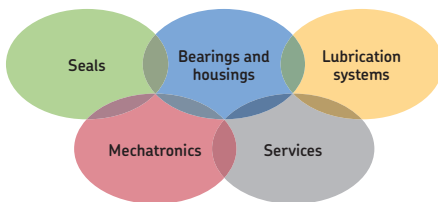
Accessories

Adapter plate for mounting from front view

Order number	995-901-061
Dimensions	214 x 48 x 10 mm

3/2 way valve

Order number	161/120-067+924
Voltage	24 V DC



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These competence areas include bearings and units, seals, lubrication systems, mechatronics, and a wide range of services, from 3-D computer modelling to cloud-based condition monitoring and asset management services.

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