

# Lubricant supply pump P 502



P 502 is a simple, small and compact lubricant supply pump. It can be used to provide progressive centralized lubrication systems or also a maximum of two lubrication points individually with lubricant.

### Fields of application

- Commercial vehicles; on- or off-road
- Small construction machines
- Stackers
- Agricultural machines
- Industrial applications
- The optimized design of its housing and reservoir make the P 502 a very good solution for splash zones in the food and beverage industry

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## Power supply

The P 502 pump can be operated with a 12 or 24 V DC power supply and can be equipped with a low-level indication (fold-down plate) as an option.

Electrical connection to the pump can be realized by square plug, bayonet plug, or M12 plug.

## Control

The pump can be operated without integrated control unit or with an integrated control printed circuit board for pause time and lubrication time adjustments.

With its proven rotary switch technology, adjustments of pause times and lubrication times are safe and easy to be done.

A push button on the control printed circuit board or an external illuminated push button allow triggering additional lubrication cycles at any time.

## Pump elements

One or maximum two pump elements of the proven installation sizes K5, K6, K7 and B7 ensure the desired lubricant supply volumes at a temperature range from -25 to +70 °C.

## Pressure protection

An external pressure reducing valve allows the pump and the downstream system to be driven at a maximum operating pressure of 270 bar.

## Technical data:

Reservoir size	1 litre
Pump elements	K5, K6, K7, B7
Output volumes/stroke K5	0,1 cm <sup>3</sup>
Output volumes/stroke K6	0,18 cm <sup>3</sup>
Output volumes/stroke K7	0,22 cm <sup>3</sup>
Output volumes/stroke B7	0,1 cm <sup>3</sup>
Engine speed	about 10 r/min
Power supply	12 or 24 V DC
Maximum operating pressure	270 bar
Operating temperature	-25 to +70 °C
Lubricants	Greases up to NLGI 2



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