

# perma PRO LINE / perma PRO C LINE

Precise lubrication system for linear guides



Reference

**rexroth**  
A Bosch Company

\*When using greases and grease line lengths (up to 3 m) approved by Bosch Rexroth at 25 °C.



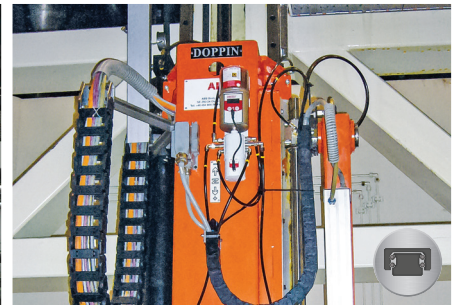
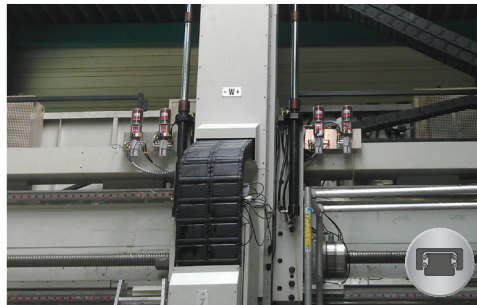
## Flexible multi-point lubrication systems for 1 to 6 lubrication points

perma PRO LINE and perma PRO C LINE are flexible multi-point lubrication systems for linear guides. The discharge can be adapted precisely to the manufacturer's specifications. The lubricant quantity and relubrication interval can be set flexibly for each of the six outlets. The PRO LC is filled with 250 or 500 cm<sup>3</sup> of grease. The high pressure build-up enables remote mounting using grease lines of up to 5 meters per outlet. This increases workplace safety, at the same time allowing reliable lubrication of the running system.

**perma**



Main applications for the multi-point lubrication systems perma PRO LINE and perma PRO C LINE are linear guides. Applications range from linear components, screw drives and gear racks in machine tools to handling systems and traversing axes on industrial robots. Other applications are roller and sliding bearings, open gears and spindles.



## Product characteristics

## Benefits



**Flexible setting options for every outlet**  
Pause time between discharges

- Lubricant quantity individually configurable for each outlet
- Individual setting of pause times per outlet
- Lubricant discharge is optimally adapted to respective lubrication point



**Setting via push button with display and LED**  
Display of remaining discharge time  
Display of distributor outlets  
LED red / green = function

- Simple operation of lubrication system
- Function and error immediately visible
- Quick check of remaining discharge time saves time and simplifies planning of PRO LC exchange



**Dual operation**  
Mixture of time and impulse operation

- Time mode (flexible discharge per interval) and impulse mode (flexible discharge per impulse), as well as dual operation
- Additional discharges can be triggered for all outlets during pause times
- Lubrication point can be purged in order to supply fresh lubricant after longer downtimes

## Technical data

Drive – reusable

**PRO LINE: Battery operation**  
**PRO C LINE: External power supply**  
15–30 V | 120 mA

Discharge periods

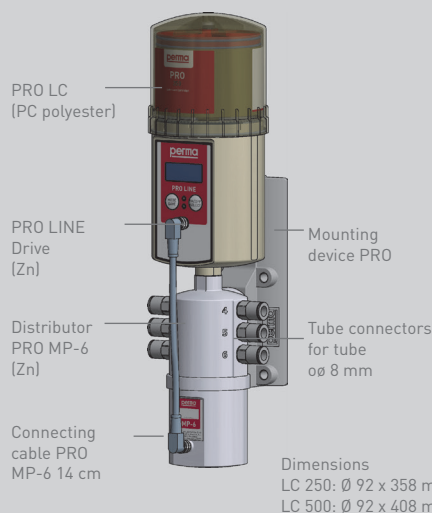
**Pause times in days (24 h)**  
**Discharge quantity per outlet**  
**Impulse mode**

Lubricant volume  
**250 cm<sup>3</sup> or 500 cm<sup>3</sup>**

Operating temperature  
**–20 °C to +60 °C**

Pressure build-up  
**Max. 25 bar**  
**Mounting with <5 m grease line per outlet\***

Standard & special lubricants  
**Greases up to NLGI 2\***



**Create your perma PRO system in 3 steps:**

- perma PRO LINE Basic system**  
battery operated
- or  
**perma PRO C LINE Basic system**  
with external power supply
- Accessory kit PRO**
- PRO LC and Cover**

The grease used to prefill grease lines must match the grease filled in PRO LC.