

perma PRO LINE / PRO C LINE

Precise lubrication system for linear guides



References

Rexroth
Bosch Group

Use of lubricants approved by the manufacturer.



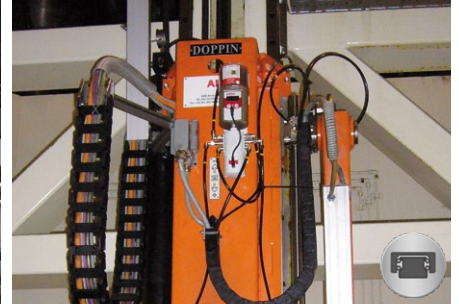
The flexible multi-point lubrication systems for 1 to 6 lubrication points

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 cm³ of grease. The high pressure build-up enables remote mounting using grease lines of up to 5 meters per outlet. This increases workplace safety, while at the same time allowing reliable lubrication of the running system.

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Main applications for the multi-point lubrication systems perma PRO LINE and perma PRO C LINE are linear guides. The types of applications range from linear components, modules and units, through screw drives and gear racks in machine tools, handling systems, and traversing axes on industrial robots. Other application areas 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
- Lubrication system function and error immediately visible
- Quick check of 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 e.g. supply fresh lubricant after longer downtimes

Technical data

→ Refer to page 72 for part numbers

Drive – reusable

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

Discharge periods

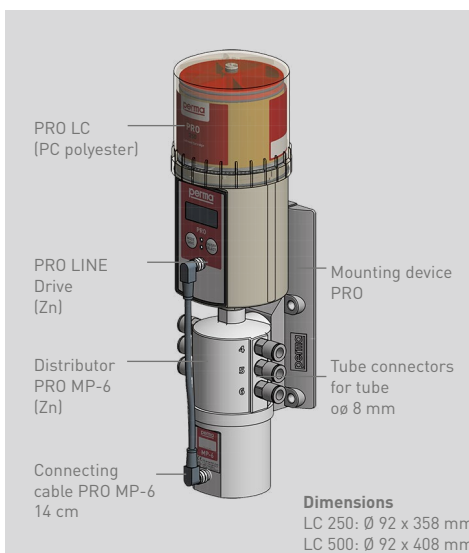
Pause times in days (24 h)
Discharge quantity per outlet
Impulse mode

Lubricant volume
250 cm³ or 500 cm³

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:

- 1 perma PRO LINE Basic system**
battery operated

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

The grease used to prefill the grease lines has to match the grease used for PRO LC. 400 g cartridges for prefilling can be found on page 68.