

# perma PRO

The precise multi-point lubrication system for up to 6 lubrication points



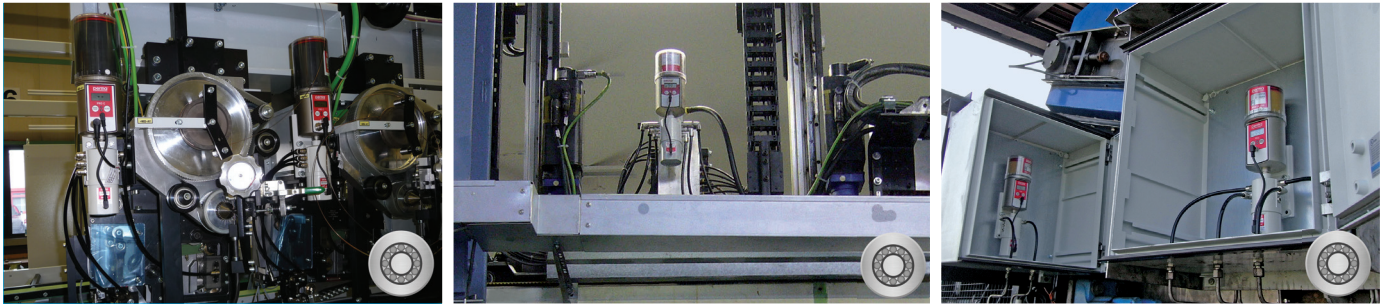
## Precise lubricant supply

The perma PRO is available as a self-sufficient, battery operated multi-point lubrication system. Depending on the discharge period, from 1 day to 24 months, 250cc or 500cc of lubricant are dispensed from a maximum of six outlets into the lubrication points. Thanks to the maximum pressure build-up of 360 psi / 25 bar in the MP-6 distributor, the lubricant is uniformly and precisely distributed using up to 15 ft / 5m of grease line per outlet.

**perma**



perma PRO multi-point lubrication system applications include roller and sliding bearings, linear guides, open gears, spindles as well as shaft seals on motors, generators, pumps and fans. The types of applications range from the automotive industry, heat and power stations, the paper industry as well as mining operations and various steel industry sectors.



## Product characteristics      Benefits



**Setting via push button with display and LED**

Outlet display  
LED red/green = function

- Easy configuration of discharge period and outlets
- Display of remaining volume and active outlets
- Status control on display
- Easy to set and change at any time



**Pressure build-up to 360 psi / 25 bar allows remote mounting up to 15 ft / 5 m per outlet**

**Additional discharge (purge)**

- Installation outside of dangerous areas or at easy-to-reach places increases workplace safety and saves time
- Higher equipment availability, since exchange during running operation possible
- Lubrication point can be purged to clear blockages

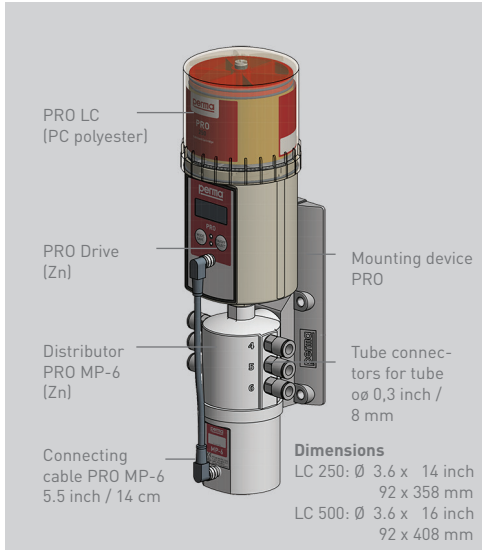


**MP-6 distributor with 6 outlets – Number of active outlets can be user-defined**

- Supply of 1 to 6 lubrication points with same lubricant amount
- Precise supply of lubrication points
- Monitoring of lubrication point status

## Technical data

Drive – reusable  
**PRO MP-6: Battery operation supply 15–30 V**  
 Discharge periods  
**1 day to 24 months**  
 Lubricant volume  
**250cc or 500cc**  
 Operating temperature  
**-4 °F to 140 °F / -20 °C to +60 °C**  
 Pressure build-up  
**Max. 25 bar / 360 psi**  
**Mounting with <15 ft / 5 m grease line per outlet**  
 Standard & special lubricants  
**Greases up to NLGI 2**



**Create your perma PRO system in 2 steps:**

- 1 perma PRO Basic system**  
PRO cover size
- 2 PRO LC & lubricant**  
incl. battery pack





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

## How to order - 2 simple steps

### 1st order - PRO Basic system

1



	PRO Basic system	PRO MP-6 Basic system	PRO C Basic system (incl. Cable PRO C) 15 ft / 5m 	PRO C MP-6 Basic system (incl. Cable PRO C) 15 ft / 5m 
 PRO 250cc	907800	907802	907804	907806
 PRO 500cc	907801	907803	907805	907807

2

**perma PRO LC (=Lubricant Cartridge)  
incl. battery pack**



PRO LC 250cc



PRO LC 500cc

	PRO LC 250cc	PRO LC 500cc
Shell Gadus S5 V100 2	907829	908039
Shell Gadus S3 V220C 2	907831	908041
MOBILGREASE XHP 221	907948	908158
MOBILGREASE XHP 222	907949	908159
MOBILITH SHC 220	907958	908168
MOBILITH SHC 460	907959	908169
Motub-Alloy 860/220-1 ES	907966	908176
Omniguard 220 #1	907973	908183
MOBIL Polyrex EM	907978	908188
Multipurpose grease SF01	907987	908197
SRI Grease 2	907995	908205
Multiplex FS 220 #2	908006	908216
Ultra-Performance Grease 2	908013	908223

Technical data on lubricants can be sourced from perma USA or related oil company.

All products and company names on this document are trademarked or registered trademarks of the respective owners.

Other lubricant fills available upon request.

## Accessories included in perma PRO kits



PRO Components / Accessories (Quantity depending on PRO Basic system)	Pic.	
Tube connector G1/8 M for tube oØ 8mm (Br/NP)	1	101570
Tube connector 90° G1/8 M for tube oØ 8mm rotary (Br/NP)	2	101571
Tube connector 1/8" NPT M for tube oØ 8mm (NP)	3	901183
Tube connector 1/4" NPT M for tube oØ 8mm (NP)	4	901184
Plugs G1/8 for Distributor PRO MP-6 (not for Single Point PRO Basic system)	5	103288
Bolt 1/4-20" x 1"	6	901196
Lock washer 1/4-20"	7	901197
Beam Clamp 1" for Mounting Device PRO	8	901222
Cable ties 7.4" black	9	901081
Tube up to 200 °F / 93 °C oØ 5/16" x iØ .232" black	10	901186



Hoses are pre-filled with chosen lubricant

## perma PRO protection box



**1**  
Steel:  
perma PRO are attached to the mounting plate inside the protection box. They are wall-mounted using four screws (not supplied).

**Protection box single (steel)** including mounting plate & mounting set (cable bushings, blanking plugs and locking nuts)  
→ Bores for outlets are made  
External dimensions (H x W x D): 470 x 240 x 210 mm / **18.5 x 9.4 x 8.3 inch** / IP 66  
**Fig. 1, 101527**

**Protection box double (steel)** including mounting plate & mounting set (cable bushings, blanking plugs and locking nuts)  
→ Bores for outlets are made  
External dimensions (H x W x D): 500 x 400 x 210 mm / **19.6 x 15.7 x 8.2 inch** / IP 66  
**Fig. 2, 111153**

**H-T-L perma USA LP**  
2129 Center Park Drive  
CHARLOTTE, NC 28217 / USA  
[www.permausa.com](http://www.permausa.com)

Tel.: +1 704 377 3100  
Free: +1 800 997 3762  
Fax: +1 704 377 3106  
[info@permausa.com](mailto:info@permausa.com)  
[www.permausa.com](http://www.permausa.com)