

## Automatic Lubricators perma Classic (Housing Made from Steel Sheet)

### Function

Tightening the activating screw makes the gas generator drop into the electrolyte fluid, where it starts a chemical reaction that builds up pressure and causes the piston to move forward. The lubricant is continuously injected into the lubrication point. When the lubrication cartridge is empty, the coloured piston becomes clearly visible. The initial delay between activation and the first discharge of lubricant depends on the perma type. Lubricant volume 120 cm<sup>3</sup>.

Temperature range: 0°C to +40°C.

The activator screw and the lubricator have to be ordered separately.

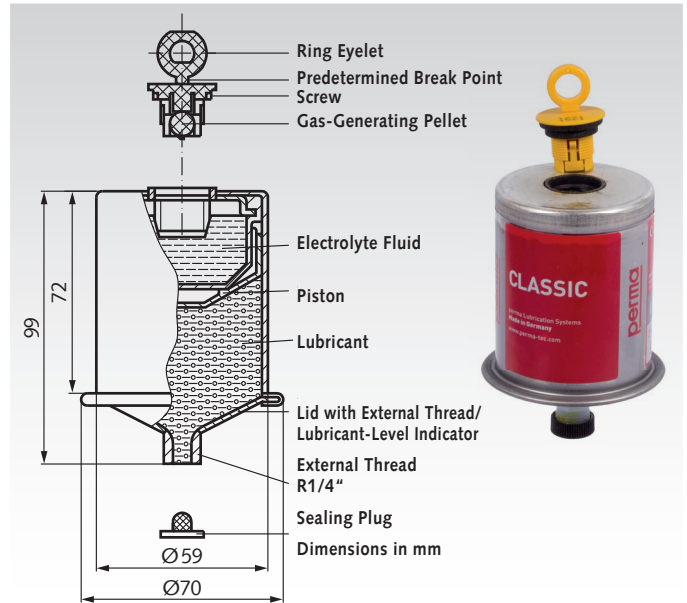
### perma Activator Screws

**Material:** Body of screw from plastic.

The lubrication period is determined by the different coloured activator screws. The lubricator has to be ordered separately. Weight 5 g.

Ordering Details: e.g.: Product No. 68051001, Perma Activator Screw Type 1

Product No.	Type	Colour	Lubricant dispensing in months				
			0°C	+10°C	+20°C	+30°C	+40°C
680 510 01	1	yellow	4	2	1	0,8	0,6
680 510 03	3	green	8	5	3	2	1
680 510 06	6	red	15	8	6	3	2
680 510 12	12	grey	>18	18	12	6	3



H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.



Safety Data Sheets at [www.maedler.de](http://www.maedler.de) in the section Downloads

### perma Lubricators Classic

**Material:** Housing made from steel sheet.

The code for the lubricant contained is stamped into the bottom of the housing (e.g. SF 01 = all-purpose grease). The activator screw has to be ordered separately. Any mounting position possible. Weight 265 g. Attention (1) H317, H319, H412.

Ordering Details: e.g.: Product No. 68050001, Perma Lubricator Classic Type SF01

Product No.	Type	Lubricant	DIN 51 502	NLGI-Grade	Thickener	Basis Oil	Temperature Range	Viscosity at +40°C	Recommendation of Application					
									Roller Bearings	Plain Bearings	Linear Motion	Gears and Racks	Spindle Drives	Sealings
680 500 01	SF01	Multipurpose Grease	KP2K-30	2	Li / Ca	Mineral	-30° / +130°C	220	X	X	X		X	X
680 500 02	SF02	Extreme Pressure Grease	KPF2K-30	2	Li + MoS <sub>2</sub>	Mineral	-30° / +120°C	105		X		X		
680 500 04	SF04	High Performance Grease	K1S-20	0/1	PHS	Mineral + PAO	-20° / +160°C	500	X	X	X		X	
680 500 05	SF05	High Temp./High Pressure	KPF1S-20	0/1	PHS + MoS <sub>2</sub>	Mineral + PAO	-20° / +160°C	500	X	X		X		
680 500 06	SF06	Liquid Grease	K0G-20	0	Al.-Kom.	Mineral	-20° / +130°C	220	X	X	X			X
680 500 10	SF10	Food Grade Grease	K1K-40	1	Al.-Kom.	PAO	-20° / +220°C	150	X	X	X	X		
680 500 14	SO14	High Performance Oil	CLPE320	Oil	-	PAO + Ester	-20° / +250°C	320						X

### Accessories

Product No.	Fig.	Description Accessory	Temperature max.	Weight g
680 540 00	1	Bracket	-	66
680 547 00	2	Oil retaining valve G 1/4"	+60°C	26
680 543 00	3	Extension G 1/4", 30 mm long	-	25
680 545 00	4	Oil brush Ø 20 mm, G 1/4" internal thread	+80°C	36
680 546 01	5	Oil brush of foam, Width 30 x 40 mm long, G 1/4" internal thread	+80°C	38



Extensions page 1049.

On request, the lubricator can also be supplied with transparent plastic housing.

