perma CLASSIC

The world's best selling lubrication system

I M2 c X
II 2G c IIC T6 X
II 2D c T80°C X
0 °C ≤ Ta ≤ +40 °C

Made in Germany

Durable, simple, reliable

perma CLASSIC can be used for all applications with ambient temperatures of 0 to +40 °C. The reliable operating principle is based on an electrochemical reaction. The lubrication period is determined by color coded activator screws. Depending on your application's requirement, you may chose to discharge 120 cm^3 in a period of 1, 3, 6 or 12 months. The activator screw generates pressure (max. 4 bar) which moves the piston forward and continuously injects small lubricant amounts into the lubrication point. perma CLASSIC is fully dust and water proof and can withstand impacts and accidental knocks.

Application

perma CLASSIC is a single-point lubrication system for roller- and sliding bearings, sliding guides, open gears, gear racks, spindles, shaft seals, chains, etc. operated at ambient temperatures that reach from 0 up to +40 °C. Typical applications can be found in mining, steel, automotive and mechanical engineering.

Product characteristics	Advantages	Benefits
Simple, economical, fully automatic and reliable single-point lubrication system (for normal ambient temp.) →	- Economic change from manual to automatic perma lubrication - Hands-free supply of fresh, clean lubricant - Simple operating principle / color coded time settings	- Reduces maintenance costs - Increases equipment availability - Reliable, controlled lubrication - Quick and easy initial installation and use - Simple exchange / no tools necessary
Sturdy metal housing with transparent discharge indicator cap Electrochemical drive →	- Transparent end cone indicates when lubricator is empty - Withstands impacts and accidental knocks	- Users can easily identify empty lubricators - Lubricates even under rough conditions (mining, cement, quarrying)
Ex-proof certification →	- Can be used in areas where explosive atmospheres may occur (refer to Ex-certification on opposite page)	- Safe and reliable lubrication in dangerous areas - Automatic lubrication reduces maintenance runs and results in less workplace accidents

Technical data

→ Refer to page 36 for part numbers

Housing
Metal / translucent plastics

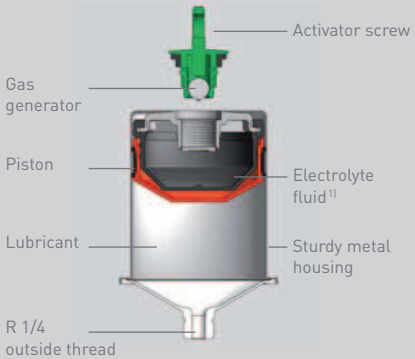
Drive
Electrochemical reaction

Discharge period at +20 °C with SF01
1, 3, 6 or 12 months

Lubricant volume
120 cm³

Operating temperature
0 °C to +40 °C

Pressure build-up
Max. 4 bar



[1] environmentally friendly citric acid

Discharge period in months:
Time between activation and first discharge: **1 day**

120 cm³				
at 0 °C	4	8	15	>18
at +10 °C	2	5	8	18
at +20 °C	**1**	**3**	**6**	**12**
at +30 °C	0,8	2	3	6
at +40 °C	0,6	1	2	3

Activator screw with black sealing ring. To select the most suitable activator screw → **go to page 46**