

# perma CLASSIC / perma FUTURA

The classic lubrication system



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

Made in  
Germany

## Simple, robust, reliable

perma CLASSIC and perma FUTURA can be used in all types of applications with ambient temperatures from 0 to +40 °C / 32 °F to 104 °F. Depending on operating conditions, a lubricant volume of 120 cc / 4.06 oz is dispensed in 1, 3, 6 or 12 months. Reliable function is based on an electrochemical reaction. The activator is screwed in the lubrication system and the eyelet torn off. The contained gas generator generates a pressure of max. 4 bar / 58 psi, which moves the piston forward and transports lubricant into the lubrication point.

perma

## Applications / machine elements



perma CLASSIC and perma FUTURA are used for single-point lubrication of roller and sliding bearings, sliding guides, open gears, gear racks, spindles, shaft seals, chains, etc. Main application areas of perma CLASSIC include the mining, steel, automotive and mechanical engineering industries. perma FUTURA has a corrosion-proof plastic housing, which makes it ideal for hygienically clean environments such as the food and chemical industries.



### Product characteristics

### Benefits



**Simple activation through activator**

**One-time activation:**  
1, 3, 6 or 12 months

- Tamper-proof, easy to use
- Economical, permanent lubrication
- Quick and easy exchange without special tools



**perma CLASSIC**  
**Metal housing**

**perma FUTURA**  
**Transparent plastic housing with integrated support flange**

- Robust housing for use in harsh environments
- Easy fill level check via permanently visible position of piston in lubrication system
- Corrosion-proof



**Ex-proof certification**  
**Mining approval**

- Safe and reliable lubrication in explosive areas
- Better workplace safety, since dangerous areas have to be visited for maintenance less often
- Suitable for underground use

## Technical data

Drive

**Electrochemical reaction via gas generator**

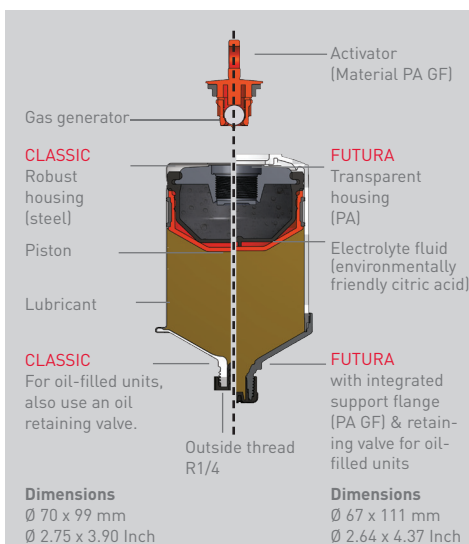
Discharge period at +20 °C / 68 °F  
perma Multipurpose standard grease  
**1, 3, 6 or 12 months**

Lubricant volume  
**120 cc / 4.06 oz**

Operating temperature  
**0 °C to +40 °C / 32 °F to 104 °F**

Pressure build-up  
**Max. 4 bar / 58 psi**

Standard & special lubricants  
**Greases up to NLGI 2/oils**



### Discharge period in months:

				
120 cc / 4.06 oz				
at 0 °C / 32 °F	4	8	15	>18
at +10 °C / 50 °F	2	5	8	18
at +20 °C / 68 °F	1	3	6	12
at +30 °C / 86 °F	0.8	2	3	6
at +40 °C / 104 °F	0.6	1	2	3