

# perma FLEX

The all-in-one lubrication system in two compact sizes

**NEW**



II 1G Ex ia IIC T6  
II 1D Ex iaD 20 T85°C  
I M1 Ex ia I

## Flexible use - even for challenging lubrication points

The automatic lubrication system perma FLEX is available in a convenient size ( 125 cm<sup>3</sup>) especially suited for installations in tight and restricted areas. It can be used for inside or outside applications at temperatures ranging from -20 °C to +60 °C [-4 °F to +140 °F]. Discharge period setting is flexible and can be adjusted from 1 to 12 months.

perma FLEX comes fully assembled and ready-to-use. Simply turn the switch to the desired discharge period and the system is activated. The electronically controlled chemical reaction will build up the pressure that is necessary to continually supply the lubrication point with fresh lubricant.



## Applications



perma FLEX is an ideal single-point lubrication system for all types of applications and industries. Ingress protection to IP 68 level guarantees reliable lubrication in extremely dusty and moist environments. The wide operating temperature range makes it suitable for many applications indoors and outdoors. It is sized to fit into small or tight applications. If necessary, the discharge period can be adjusted even after activation. And, it can be switched off during longer non-operation periods.



### Product characteristics

### Advantages

### Benefits

Adjustable discharge period setting from 1 to 12 months Temporary deactivation possible →	<ul style="list-style-type: none"> <li>- Discharge period can be adjusted to meet different lube point requirements</li> <li>- Reliable supply of lube point with fresh lubricant</li> <li>- Can be switched on and off</li> </ul>	<ul style="list-style-type: none"> <li>- Flexible use</li> <li>- Longer equipment service life and increased equipment availability</li> <li>- Lower maintenance costs</li> </ul>
All-in-one system with rotary switch for time setting →	<ul style="list-style-type: none"> <li>- System is supplied ready to use</li> <li>- Quick and easy activation</li> </ul>	<ul style="list-style-type: none"> <li>- No assembly</li> <li>- No tools</li> </ul>
Operating temperature range: -20 °C to +60 °C (-4 °F to +140 °F) →	<ul style="list-style-type: none"> <li>- Outdoor use possible</li> <li>- For use in hot and cold areas</li> </ul>	<ul style="list-style-type: none"> <li>- Only one system required for different applications</li> </ul>
Protection class IP 68 →	<ul style="list-style-type: none"> <li>- High protection against dirt and water</li> </ul>	<ul style="list-style-type: none"> <li>- Reliable lubrication even in extremely moist or dusty areas</li> </ul>

## Technical information

Housing  
**Transparent plastics**

Drive  
**Gas generating unit**

Discharge period  
**1, 2, 3, ..., 12 months**

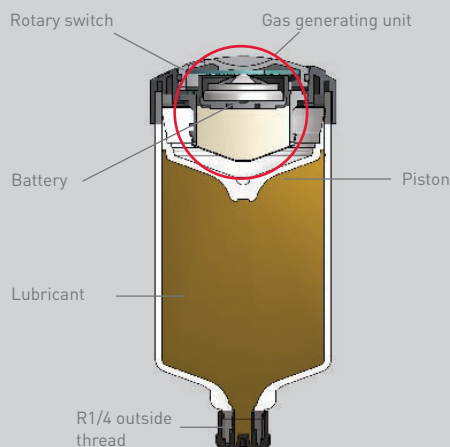
Lubricant volume  
**125 cm<sup>3</sup>**

Operating temperature range  
**-20 °C to +60 °C**

Pressure build-up  
**Max. 5 bar**

Protection class  
**IP 68**

Lubricants  
**Oil and grease up to NLGI2**



→ Oil-filled units with integrated oil retaining valve (oil-filled units = red plug)

### Rotary switch for discharge period setting



→ The complete perma accessory assortment can be found in our product catalog.