

## perma STAR VARIO

Precise and easy-to-use lubrication system  
Independent of temperature and counter pressure

Generation  
2.0



### A broad range of applications

perma STAR VARIO operates fully automatic, temperature independent and very precise. The system consists of an electromechanical drive unit, a lubrication cartridge (LC) with a lubricant volume of 250 cm<sup>3</sup> and a battery pack. The desired discharge period and LC size can easily be selected with the push button and are immediately visible in the display. The current operating status is indicated on the display and with the all around LED signal lights (red/green), which are visible from a distance.



perma

## Machine parts



perma STAR VARIO is used for single-point lubrication of roller- and sliding bearings, sliding guides, open gears, gear racks, spindles, shaft seals, and chains. This lubrication system is ideal for applications that require precise lubricant metering. It is a preferred system for electric motors with very specific relubrication amounts. perma STAR VARIO is protected against dust and water jets when the individual parts are assembled correctly.



## Product characteristics

## Benefits



**LCD-display with push button**  
shows discharge period, LC size  
and operating status  
**Setting:**  
1, 2, 3, ... 12 months & LC size

- Simple and self-explanatory operation
- Precise settings, based on manufacturer recommendations, prevent lubricant starvation and save lubricant
- Settings can be changed at any time
- System can be turned off for extended equipment shut downs



**Electromechanical,  
reusable drive unit  
with battery pack**  
**All around visible LED lights**  
signal function and errors

- Reliable, precise lubricant discharge independent of temperature and counter pressure
- Short ROI through reduced follow-up costs
- Quick function control from a distance saves time and improves overall workflow



**Pressure build-up to 6 bar  
allows remote mounting with  
tubes up to 5 m**  
**Purge function**

- Installation at safe- and easy-to-access places reduces work-place accidents and saves time
- Reduces equipment downtime since the exchange can be carried out while the machines are running
- Lubrication point can be purged to clear blockages

## Technical data

Drive – reusable  
**Electromechanical**  
Power supply  
**STAR VARIO Battery pack 4.5 V**  
Discharge period  
**1, 2, 3, ... 12 months**  
Lubricant volume  
**250 cm<sup>3</sup>**  
Operating temperature  
**-10 °C to +60 °C**  
Pressure build-up  
**6 bar**  
Protection class  
**IP 65**  
Standard & special lubricants  
**Oil / Grease up to NLG12**

