

## perma STAR VARIO

High-precision and easy-to-use lubrication system – independent of temperature and counter pressure



### Three different sizes for individual lubricant metering

perma STAR VARIO operates fully automatically, independent of temperature and pressure with a very precise discharge. The system consists of an electromechanical drive, an LC with 60, 120 or 250 cm<sup>3</sup> of lubricant 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 LCD. The current operating status is indicated on the LCD and via LED signal lights (red / green) visible all round. The LED signals are recognisable from a distance.

**perma**



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. Due to the precise lubricant metering, perma STAR VARIO is ideal for lubrication of electric motors with specified lubricant quantities. perma STAR VARIO is protected against dust and water jets, subject to correct assembly of the individual parts (IP 65).



**Special programming available upon request!**

## Product characteristics

## Benefits



**LCD display with push button** displays discharge period, LC size and operating status

**Setting:**  
1, 2, 3 ... 12 months and LC size

- Simple and self-explanatory operation
- Precise settings according to requirements prevent lubrication starvation and over-lubrication
- Settings can be changed at any time
- Can be turned off for extended equipment shut downs



**Electromechanical, reusable drive with battery pack**

**LED (red / green) visible all round** signals functioning and any errors

- Reliable, precise lubricant discharge independent of temperature and counter pressure
- One-time acquisition costs for STAR VARIO Drive
- Quick function control via LED signals saves time and relieves maintenance workers



**Pressure build-up to 6 bar allows remote mounting up to 5 m**

**Manual additional discharge via button on display (purge)**

- Mounting outside of dangerous areas or at easy-to-reach locations increases workplace safety
- Higher equipment availability since LC can be easily exchanged during running operation
- Lubrication point can be purged to clear blockages

## Technical data

Drive – reusable  
**Electromechanical function with Battery pack STAR VARIO**

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

Lubricant volume  
**60 cm<sup>3</sup>, 120 cm<sup>3</sup> or 250 cm<sup>3</sup>**

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

Pressure build-up  
**6 bar**

Protection class  
**IP 65**

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

