

perma STAR CONTROL

TIME and IMPULSE mode combined in a single system



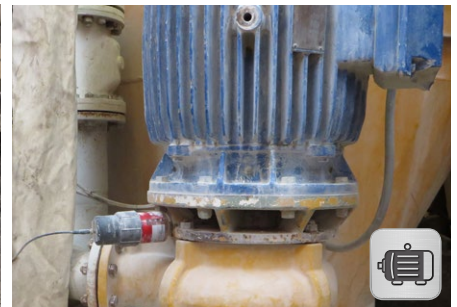
Lubricant optimally metered as a function of operating hours or by impulses

In contrast to the perma STAR VARIO (with battery pack), the perma STAR CONTROL is supplied with external power via cable. In addition, the operating status can be transmitted to a PLC via this connection. The two integrated operating modes TIME and IMPULSE allow flexible use. In the TIME mode, lubricant dispensing is dependent on operating hours. In the IMPULSE mode, a precisely defined quantity is dispensed as soon as a voltage is applied. The perma STAR CONTROL consists of an electromechanical drive and an LC with 60, 120 or 250 cm³ of lubricant. The required mode is set on the drive. Lubrication is precise, temperature-independent and with up to 6 bar counter pressure.

perma



The perma STAR CONTROL is used to lubricate roller and sliding bearings, sliding guides, open gears, gear racks, spindles, shaft seals and chains. Thanks to precise lubricant metering, perma STAR CONTROL is ideally suited for lubrication of electric motors with specified lubricant quantities. The system is protected against dust and water jets, subject to correct assembly of the individual parts (IP 65).



Product characteristics

Benefits



LCD display with setting button shows discharge settings, LC size and operating status

Setting:
Mode, LC size, discharge quantity and PIN

- Flexible handling thanks to simple TIME or IMPULSE mode setting; can be changed at any time
- Fast, simple control of settings, the remaining impulses or operating hours until exchange
- PIN request protects against possible tampering



Electromechanical drive with external power supply
LED (red/green) visible all round signals functioning and any errors

- Reliable, precise lubricant discharge independent of temperature and counter pressure
- Quick function control thanks to optical or electronic signals on the lubrication system and plant error reporting system saves time and relieves maintenance workers



6 bar pressure build-up allows remote mounting
Counter pressure testing and manual additional discharge at the press of a button (purge)

- Mounting up to 5 m outside of dangerous areas or at easily accessible locations increases workplace safety
- Higher equipment availability, because exchange can take place during running operations
- Lubrication point can be purged to clear blockages

Technical data

→ Refer to page 71 for part numbers

Drive – reusable
Electromechanical function using external voltage: 9–30 V DC, I_{max} 0.5 A
Discharge period
Time-controlled (TIME)
Impulse-controlled (IMPULSE)
Lubricant volume
60 cm³, 120 cm³ or 250 cm³
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

