

Perma STAR CONTROL

TIME and IMPULSE mode combined in a single system
Optimal lubricant metering based on operating hours or lubrication impulse

In contrast to the perma STAR VARIO (with battery pack), the perma STAR CONTROL is supplied with external power via cable. The operating status can be transmitted to a PLC and evaluated. The two integrated operating modes TIME and IMPULSE offer flexible use. In TIME mode, lubricant discharge is based on operating hours. In IMPULSE mode, a precisely defined quantity is dispensed as soon as voltage is supplied. The perma STAR CONTROL consists of an electromechanical drive and an LC with 60, 120, 250 or 500 cm³ of lubricant. The required mode is set on the drive. Lubrication is precise and temperature-independent at a counter pressure up to 7.5 bar.



Product characteristics

LCD DISPLAY WITH PUSH BUTTON SHOWS DISCHARGE SETTINGS, LC SIZE & OPERATING STATUS	ELECTROMECHANICAL DRIVE WITH EXTERNAL POWER SUPPLY	PRESSURE BUILD-UP TO 7.5 BAR ALLOWS REMOTE MOUNTING UP TO 5 M
<ul style="list-style-type: none"> • Flexible handling via TIME or IMPULSE mode • Fast, simple control of settings • PIN protects against possible tampering 	<ul style="list-style-type: none"> • LED visible all round signals functioning and errors • Reliable lubricant discharge independent of temperature and counter pressure • Quick function control due to visual signals and on plant error reporting system 	<ul style="list-style-type: none"> • Manual additional discharge via push button on display (purge) • Mounting outside of dangerous areas increases workplace safety • LC can be exchanged during running operation • Lubrication point can be purged to clear blockages

Technical data

Drive - reusable	Electromechanical drive with external power supply: 9 - 30 V DC, I _{max} 0.5 A
Discharge period	Time-controlled (TIME) Impulse-controlled (IMPULSE)
Lubricant volume	60, 120, 250, 500 cm ³ 2.03, 4.06, 8.45, 16.91 oz
Pressure build-up	7.5 bar 109 psi
Protection class	IP 65
Standard & special lubricants	Greases up to NLGI 2 Oils
Dimensions	LC 60: Ø 72 x 160 mm LC 120: Ø 72 x 183 mm LC 250: Ø 72 x 233 mm LC 500: Ø 72 x 329 mm
Components	Cable connection · LCD display with push button · STAR CONTROL Drive (PA GF) · Gearmotor · Piston · STAR LC (Copolyester) · Lubricant · Oil-filled units (PA) have an integrated oil retaining valve (red plug) · Outside thread R1/4

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