

LUBRICUS

Lubricus M lubrication System

Depending on the model (LUB-M2/LUB-M4/LUB-M6/LUB-M8/LUB-M10), the Lubricus M lubrication system has either 2, 4, 6, 8 or 10 outlets and is designed for a 24 VDC power supply. The lubricant reservoir for grease (1500 cm³) is in a disposable bellows. Supply pressure is <70 bar. External control is possible via PLC.

Lubricus M - Function

The Lubricus M lubrication system is optionally equipped with up to five pump bodies (P1, P2, P3, P4, P5). The double piston pump bodies each have two outlets, are operated alternately and provide the same quantities of lubricant.

Lubricus M can work either in **time mode** or in **pulse mode** (PLC).

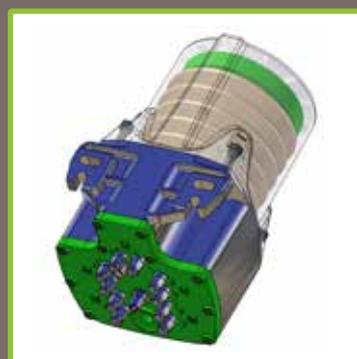
In **time mode**, the internal controls monitor both the amount of lubricant and the time intervals between lubrications.

In **pulse mode**, the desired lubrication intervals are performed by programming the PLC. Regardless of the selected mode, each pump body can be controlled separately.



LUBRICUS M

- Time control OR pulse control
- Supply pressure up to 70 bar
- Error/empty message shown on display
- Operating temperature -20°C up to +70°C
- System monitoring & feedback function
- Separate control of each pump body
- Simple operation / PIN protected
- Supplies grease up to NLGI class 2



Lubricus M lubrication system



Lubricus M - Direct lubrication

The Lubricus M can be equipped with up to five pump bodies, meaning it can automatically supply up to ten lubrication points with ease.

With hose lengths of up to 5m, many lubrication points can be reached directly.

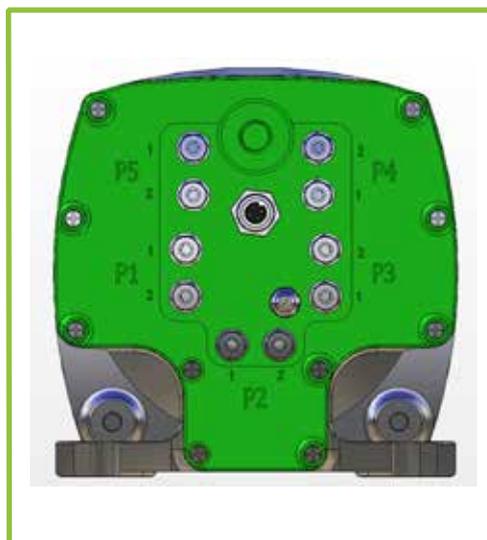
Benefit of direct lubrication with LUB-M:

- ✔ Short grease lines
- ✔ No complex pipework
- ✔ One piston (twin pump) per lubrication point
- ✔ No distributors required
- ✔ Simple retrofit solution
- ✔ Preventive monitoring of lubrication points
- ✔ Measurement of back pressure for each lubrication point

LUBRICUS M
Monitored and safe supply of lubrication points

Technical Data

Functional principle:	piston pump
Operating voltage:	24VDC
Operating pressure:	max. 70 bar
Lubrication volume:	1500 cm ³ with grease/2000 ml with oil
Min. dose volume:	0,15 cm ³ (per outlet)
Outlets:	2, 4, 6, 8 or 10
Connection:	6/4mm tube
Operating temperature:	-20°C up to +70°C
Weight:	approx. 4.000g
Dimensions, max.:	WxHxD 162 x 255 x 165mm
Connector:	M12x1, 4-pole
Level monitoring:	integrated, dry reed contact
Pressure monitoring:	integrated, electronic
Integrated controller:	microelectronic



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