

Settings for Pressure Build-up:

On activating the lubricator, an electro-chemical reaction is triggered which results in a pressure build-up within the nitrogen chamber. This pressure is directed to the piston by means of a bellow. The pressure moves the piston down, grease is discharged.



Just set the desired running time and install the unit. Below you will find the according pressure build-up times:

Running Time / months	1	2	3	6	12	18
DIP-switches	1	2	3	4	5	6
Pressure build-up time / days	1	2	3	6	10	14

Lubrication begins when the right amount of pressure is reached. The pressure remains even if the lubricator should be switched off in between. When turned back on, the greasing will immediately continue.

Immediate greasing and function control:

Set all DIP-switches to ON position. After a pressure build-up time of app. 6 - 8 hours, grease should be released. If so, set all switches back to original position and set desired running-time + DIP-switch 7.

Technical advice:

- Before activating the lubricator, make sure to fill the tubes with grease first.
- A tube extension of up to 0.5 m is possible for grease lubrication, for oil lubrication app. 2,5 m.
- In above case the settings of the lubrication charts vary. For example, when lubricating with oil, lubrication setting should be increased by app. 40% due to decreased resistance.
- We recommend a backstroke valve of 0.2 bars / 2.9 psi when lubricating with oil.

Technical data:

- Voltage supply (2 x 1,5 V) 3 V
- BSV 03 ATEX E 223
- Standard-type: Varta Electric Power 8008 for groups I and IIC T 3
- Specialized version: Varta Industrial Mignon / AA for groups I and IIC T 4
- II 2G EEx ib IIC T4/T3
- I M2 EEx ib I

Certification for explosion protection (Ex) does not apply for units with cable connection



DIP-Switch Settings for ALS Type 125 Capacity 100ccm

DIP-switch position	Lubrication daily	Running time of lubricator
7 = Switch for ON. Control light flashes in short intervals.		
6 = 18 M	0,175 cm ³	18 months
5 = 12 M	0,35 cm ³	12 months
4 = 6 M	0,70 cm ³	6 months
3 = 3 M	1,30 cm ³	3 months
2 = 2 M	2,10 cm ³	2 months
1 = 1 M	4,00 cm ³	1 month
All switches activated	9,00 cm ³	14 days
Combinations:		
5 + 4	1,05 cm ³	121 days
5 + 3	1,74 cm ³	71 days
4 + 3	2,08 cm ³	57 days
5 + 4 + 3	2,35 cm ³	51 days
5 + 2	2,45 cm ³	52 days
4 + 2	2,60 cm ³	45 days
3 + 2	3,48 cm ³	35 days
5 + 3 + 2	3,83 cm ³	28 days
4 + 3 + 2	4,16 cm ³	30 days
5 + 4 + 3 + 2	4,53 cm ³	27 days
4 + 1	4,80 cm ³	24 days
3 + 1	5,56 cm ³	23,5 days
2 + 1	6,26 cm ³	20 days
5 + 2 + 1	6,61 cm ³	19 days
3 + 2 + 1	7,65 cm ³	17 days
5 + 3 + 2 + 1	8,00 cm ³	16 days
4 + 3 + 2 + 1	8,33 cm ³	15 days
5 + 4 + 3 + 2 + 1	8,70 cm ³	14,5 days

Important notice!

Temp. range: max. -30 °C to +60 °C.
Avoid electrostatic charging of lubricator (e.g. friction from cloths or strong air flows).

ALS is not responsible for consequential damage beyond replacement of lubricator or refund of amount paid.