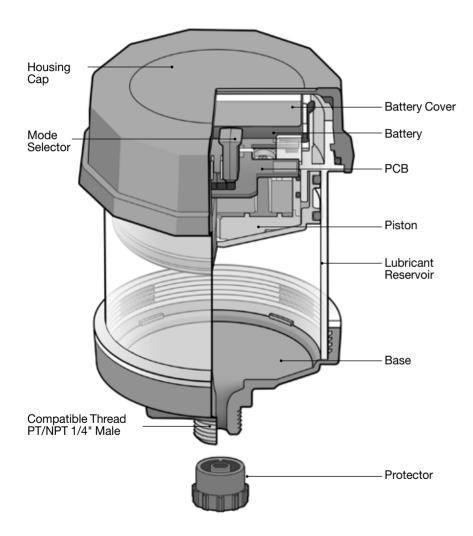
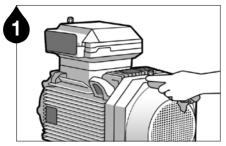
## **Product Details**



## Installation/Disposal Guidelines



Ensure a clear passage using a manual

grease gun. Note1 Remove any hardened grease

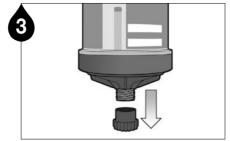
by purging the lube point with a manual grease gun.

Note2 The grease in the equipment and the grease

appropriate adaptors.

contained in the unit must be the same or compatible.

Remove contaminants around the lube point.

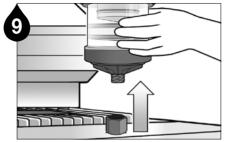


Remove the protector.

and unscrew the cap.



Firmly push the Mode Selector into the slot of the desired period.



When the selected dispensing period of the Pulsarlube E has completed, remove the lubricator from the application.



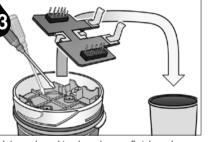


If the product is installed at a 45°

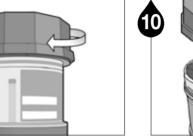
**Mounting Installations** 

High backpressure can cause a delay

in dispensing (must be under 5bar).



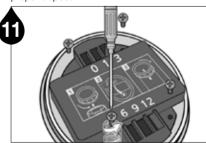
Using a hand tool such as a flat-head screwdriver, detach the PCB from the unit.



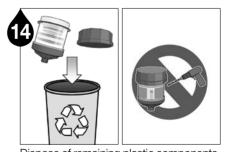
Screw the housing cap on the body.



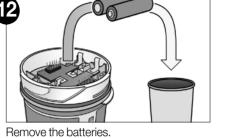
The Pulsarlube E is an eco-friendly product that can be disposed of separately. Turn the housing cap counterclockwise to disassemble the product for proper disposal.



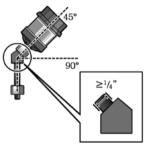
Unscrew the screws to remove the battery cover.



Dispose of remaining plastic components complying with local regulations for recycling. Warning Do not cut, puncture, or reuse lubricator.



or 90° angle, please use an angle adapter with a diameter greater than or equal to 1/4".



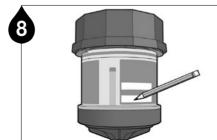
For remote installation using an Ø8 tube, keep the maximum distance at 1m (3ft) or less.





Turn the housing cap counterclockwise

Pull out the yellow Mode Selector from the Remove the grease nipple and install default OFF position.



Note the installation date and the scheduled date of lube cycle completion on the label of the Pulsarlube E. Note Please note there is a delay before the actual dispensing

starts. It may take up to 1~3 weeks for enough gas to be formed depending on the dispensing setting & installation condition.

# How to Order

# EX) E120 / PL1

Product Name	Type	Grease Type
E	120	PL1

### Pulsarlube E Standard Lubricants

Grease	Grease Type	Description
PL1	Multi Purpose	High performance multipurpose lubricant
PL2	Heavy Duty	Excellent extreme pressure lubricant containing solid lubricants
PL3	High Speed	Superior high speed (over 3,000 rpm) or high DN lubricant
PL4	H1 Food Grade	NSF H1 registered food grade lubricant
PL5	High Temperature	High oxidation stability lubricant
PL6	Multi Purpose with MoS <sub>2</sub>	Multipurpose lubricant fortified with extreme pressure additives and MoS <sub>2</sub>
PL7	Low Temperature	Synthetic lubricant for extreme low temp applications (below 15°C)
PL10	Electric Motor Bearing	High vibration-resistance lubricant



OEM filling is available upon request under special terms and conditions. Please contact vour local distributor for more information.

## **Dispensing Volume Chart**

Dispensing Period	Dispensing Volume			
	60ml	120ml	240ml	
1 month	2.00ml/day	4.00ml/day	8.00ml/day	
3 month	0.67ml/day	1.33ml/day	2.66ml/day	
6 month	0.33ml/day	0.67ml/day	1.33ml/day	
9 month	0.22ml/day	0.44ml/day	0.89ml/day	
12 month	0.17ml/day	0.33ml/day	0.67ml/day	



Dispensing volumes (ml/day) are calculated assuming the lubricator is operating at 1 atm (14.7psi), 20°C. Output volume may vary with ambient temperature changes, atmospheric pressure changes, consistency of lubricant, or any resistance or backpressure existing at the lube point (bearing or passage).

This product is a disposable unit. Please replace with a new unit once set dispending

## **Product Certifications**

#### Certifications

**IECEx** 

Ex ia IIC T4 Ga IECEx KTL 12.0008X -20°C≤Ta≤+55°C

IEC 60079-0: 2017 IEC 60079-11: 2011

ATEX

KCs

II 1 G Ex ia IIC T4 Ga INERIS 12ATEX0062X -20°C≤Ta≤+55°C

-20°C≤Ta≤+55°C

EN IEC 60079-0: 2018 ( **6** 0344 EN 60079-11: 2012

Ex ia IIC T4 Ga 12-KB2BO-0283X

C UL US LISTED

Cl. I,Div. 1, Gps. A, B, C, D Cl. II,Div. 1, Gps. E, F,G Temp. Code T4. -25°C ≤ Ta ≤ +55°C

MSHA

TESTED FOR INTRINSIC SAFETY IN METHANE -AIR MIXTURES ONLY

IP code IP68

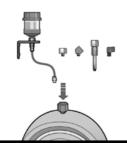
## Warning

- ▶ Locations : Intrinsically Safe, SÉCURITÉ INTRINSÈQUE, Exia
- ➤ Potential electrostatic charging hazard; clean only with a damp cloth
- The user will have to perform an electrostatic risk assessment in order to meet the requirements of the IEC/TS 60079-32-1 quide. To prevent ignition of flammable or combustible Substitution of components may impair Intrisic Safety: AVERTISSEMENT: LA SUBSTITUTION DE COMPOSANTS

PEUT COMPROMETTRE LA SÉCURITÉ INTRINSÈQUE

- ▶ Do not change, replace, or charge battery cells
- Temp Code T4: -25°C ≤ TA ≤ +55°C
- object or while wearing an electrostatic grounding device
- atmospheres, read, understand, and adhere to manufacturer's live maintenance procedure
- ➤ The batteries are not user-replaceable

# **Mounting Methods**



The Pulsarlube E is designed for single point lubrication only. Direct mount is recommended. For applications not allowing any direct mounts, remotely mount the unit using appropriate accessories and keep the distance from the lube point as short as possible.

For remote installation using a tube, use an Ø8 (5/16") tube pre-filled with the same or compatible grease as the grease contained in the unit.

Warning If excessive backpressure exists at the lube point, grease may escape at the base of the unit as a visual warning.

Shelf life and Product Warranty The shelf life of the Pulsarlube E unit is 1 year from the date of production. Product warranty is limited to original defects in material and workmanship and will not cover any collateral damage due to mishandling, abuse and/or any other inappropriate use of this product. Warranty period is 1 year from the date of purchase.

# Doc No.1122-000 / Rev.07 / Date.250627

# PUL/ARLUBE

The World Leader of Automatic Lubrication

## Pulsarlube USA, Inc.

1170 Ardmore Ave Itasca IL 60143. USA TEL: 1-847-593-5300 / FAX: 1-847-593-5303 www.pulsarlube.com / info@pulsarlube.com

Manufacturer : O KLT Co., Ltd.

34-12, Bangchon-ro 955beon-gil, Tanhyeon-myeon, Paju-si, Gyeonggi-do, Korea

