Series

EXPL60/EXPL120/EXPL240/EXPL480

IECEx NEPSI ETL IP65

High Reliability & Stability.
Advanced Explosion Proof Capability.

Pulsarlube **EXPL**

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Hazardous Locations Certified Lubricator with Multi-Point Capability

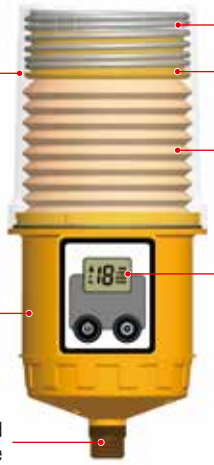
Features & Advantages

Global Hazardous Locations Certifications	▶ IECEx : Ex ic IIB T4 Gc (International) ▶ ATEX : II 3 G Ex ic IIB T4 Gc (EU) ▶ KCs : Ex ic IIB T4 (KR) ▶ NEPSI : Ex ic IIB T4 Gc (CN) ▶ ETL : Class I, Division 2, Groups A, B, C, & D, T4 Class II, Division 2, Groups F, G, T4 (NA)
High level of Ingress Protection	IP65 - dust tight and protected against water jets
Applications	Specifically designed for safe use in highly hazardous locations containing flammable medium in the air (ignitable gases, vapors, and dust)
Multi-Point Installation	Up to 8 lube points using a Lithium battery pack with max 60bar (870psi) operating pressure

Typical Industries and Applications

- Electric motors & pumps used in petrochemical plants, transportation of crude oil/natural gas, hot/cold rolling equipments in steel industry, cooling water treatment facility in power plants, etc.
- Applications in environments where flammable gases or vapors are present in quantities sufficient to produce explosive or ignitable mixtures
- Cooling tower pumps & motors at hydroelectric, thermal and nuclear power plants

Overview



Product Specifications

Grease Pouch Capacity

60ml / 120ml / 240ml / 480ml (pre-set)

Power Supply

DC 4.5V Battery Pack (replaceable)
Standard (T4) : Alkaline Battery
Optional (T5) : Lithum Battery
*** 480ml : Lithum Battery Pack**

Operating Pressure

30~60bar (435~870psi)

Operating Temperature

-15˚C~50˚C (5°F~122°F)
* Below 0˚C (32°F) : Lithium Battery

Dispensing Periods

60ml : 1~12 month
120ml~480ml : 1, 2, 3, 6, 9, 12 month

Single Point Remote Installation

Lithium Battery : Max. 6m (20ft) with Ø6 tube

Multi-Point Installation

Lithium Battery : Max. 3m (10ft) with Ø6 tube
(Up to 8 lube points)

Dispensing Volume Size

0.34ml/stroke (@ 20˚C/68°F)

Product Certifications & IP Code

ATEX / IECEX / KCs / ETL / NEPSI / CE / IP65

Rev.02

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