

Series

EXPL60/EXPL120/EXPL240/EXPL480



CE Ex IECEx NEPSI ETL IP65

High Reliability & Stability.
Advanced Explosion Proof Capability.



Pulsarlube **EXPL**



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
(Alkaline, Lithium Battery Pack)
* 480ml : Lithium Battery Pack

Operating Pressure

30bar ~ 60bar (435 ~ 870psi)

Operating Temperature

-15°C ~ 50°C (5°F ~ 122°F)

Dispensing Periods

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

Single Point Remote Installation

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