

## PULSARLUBE EX



### PULSARLUBE EX (Explosion Proof Lubricator)

Pulsarlube EX is a battery operated, single point lubricator with a replaceable 4.5V battery pack. The EX lubricator includes a powerful positive displacement pump designed to reliably lubricate your equipment. To install, simply mount the EX unit directly on the lubrication point, or remote install up to 10ft. The EX intermittently injects grease via a microprocessor chip to keep your rotating equipment precisely lubricated 24 hrs / day.

- PULASRLUBE EX 125cc(EX125)
- PULASRLUBE EX 250cc(EX250)

### Hazardous Area

The Pulsarlube EX design has been tested by the UL labs and meet the following requirements: UL79, Power-Operated pumps for Petroleum dispensing products, Eighth Edition ANSI/ISA-12.12.01-2000, Nonincendive Electrical equipment for use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous locations.

Rating	Description
CLASS I	Flammable Gases, Vapors or Liquids 2 Groups-C, D
DIVISION 2	Where ignitable concentrations of flammable gases, vapors and liquids are not likely to exist under normal operating conditions.
GROUPS - C & D	C (Ethylene), D (Propane) 2 Groups-C, D

## Specifications

Operating Temperature Ranges	Standard Battery	14° F ~ 122° F (-10° C~50° C)
	Lithium Battery	-40°F~140°F (-40°C~+60°C)
Max Operating Pressure	200psi (15 kg/cm <sup>2</sup> )	
Installation Thread	3/8" NPT Adapter (available)	
Remote Installation	Up to 10 feet (3 meters)	
Applications	Single point lubrication	
Variable Timer	Variable Timer	

### Automatic Locking System:

The Microprocessor locks the LCD within 30 seconds after having been programmed. A "Non - blinking lock I-Con is visible when the LCD is in "Lock - Mode". To unlock the LCD, press the "mode" button for 2 seconds until lock icon disappears.

### Warning

- EXPLOSION HAZARD - DO NOT REMOVE OR REPLACE BATTERIES UNLESS UNIT HAS BEEN TURNED "OFF" BY PRESSING THE POWER BUTTON FOR 2 SECONDS, OR UNLESS AREA IS KNOWN TO BE FREE OF IGNITABLE CONCENTRATIONS OF FLAMMABLE GASES OR VAPORS

## Reference Standard

- IEC 60079-15	Electrical apparatus for explosive gas atmospheres
- IEC 60529	Degrees of protection provided by enclosures
- EN 50021/1999	Electrical apparatus for potentially explosion atmospheres type of protection "n"
- UL 79	Power - Operated pumps for petroleum dispensing products.
- ANSI/ISA-12.12.01-2000	Nonincendive electrical Equipment for use in class I and II, Division 2 and class III, Divisions 1 and 2 hazardous locations.

Explosion Proof Certification

Certification	UL	ATEX	KTL	Remark	
Rating	Class Division 2 Groups-C, D	EEx nL B T5 IP54	Ex nC B T5 IP54	-	
Gas groups	D-C1 I Div 1/2	A	A	Propane	Typical Gas
	D-C1 I Div 1/2	B	B	Ethylene	
Maximum Surface Temperature	T6(85 )	T5(100 )	T5(100 )	The skin temperature shall not exceed the minimum ignition temperature of the substances to be found in the hazardous location. The "T" code designations apply to motors and other types of electrical equipment subject to hazardous location classification.	
Enclosure protection indices	-	IP54	IP54	<p><b>Protection against dust; -IP5X</b> Dust penetration is not prevented altogether, but dust must not enter in sufficient quantities to prevent the equipment from operating satisfactorily, or to impair safety.</p> <p><b>Protection against water spray;-IPX4</b> Water splashes on to the enclosure from any direction must not have any harmful effects.</p>	
Classification of hazardous locations	CI Div2 CI Zone2(gas)	Zone2(gas) Zone22(dust)	-	Ignitable concentrations not likely to exist under normal operations, or may exist for a short time only	
Certificate number	E304815	-	2007-1167-Q1		

