

Series
Mi60/Mi125/Mi250



Intelligent Integration of a Vibration Sensor Allowing Synchronization to Application.



Pulsarlube **Mi**

Features & Advantages

Vibration Sensor

Lubricator operates only when vibration is detected on the installed application

Cost Savings

Substantial savings from the use of replaceable grease pouches and battery packs (Service Pack)

Easy Installation

Place the magnetic vibration sensor on any flat metal surface

More Reliable & Precise Lubrication

A pre-set amount of grease is delivered only when the equipment is in operation, avoiding the possibility of over lubrication and waste

Other Features

- ▶ Easy to adjust dispensing periods in operation
- ▶ Easy to install in hazardous & confined areas
- ▶ Transparent container for easy visual inspection of remaining lubricant

Typical Industries and Applications



- Motors and pumps from municipal water & waste water treatment facilities
- Paper mills, steel mills and cement plants where water & excessive contaminants exist
- Electric motors, pumps, blowers and fans
- Applications where synchronized lubricators cannot be wired to an external power supply or PLC

Overview



Product Specifications

Grease Pouch Capacity

60ml / 125ml / 250ml
(capacity setting available)

Power Supply

DC 4.5V Battery Pack (replaceable)
Standard : Alkaline Battery
Optional : Lithium Battery

Operating Pressure

30 ~ 60bar (435 ~ 870psi)

Operating Temperature

Standard Alkaline Battery :
-15°C ~ 60°C (5°F ~ 140°F)
Optional Lithium Battery :
-40°C ~ 60°C (-40°F ~ 140°F)

Dispensing Periods

1 ~ 12 month

Single Point Remote Installation

Max. 1m (3.3ft) with Ø6 tube

Multi-Point Installation

Max. 1m (3.3ft) with Ø6 tube
(Up to 2 lube points)

Dispensing Volume Size

0.34ml/stroke (@20°C/68°F)

Product Certifications & IP Code

CE / KC

Vibration Detector

Piezoelectric Cantilever-type Film Sensor
Adjustable Sensitivity Range
Connection Wire Length : 1.2m

Service Life of Battery Pack

60ml / 125ml : Up to 2 years
250ml : Up to 1 year 6 months

Product Dimensions

183mm (H) x 91mm (Ø)
*Excludes Vibration Sensor