Product Datasheet

Intrinsically Safe Headlamp

CE ♿ cULus ⟨Ex⟩ IECEx

Description:

8903001 is a high power LED headlamp for use in hazardous locations and is powered with three size AAA alkaline. It has high and low mode operating functions that allows users to operate for high brightness or long duration lighting.

Features:

- Intrinsically safe for use in hazardous locations
- High and Low mode functions
- Users high power CREE LED
- Water Proof
- Tough and durable casing
- Screw fastener for safety precautions
- Build-in gas release vent

Specification: (Factory Standard):

Specs	High mode	Low mode
Light Output	216 lm	100 lm
Run Time	5 hrs	12 hrs
Beam Distance	100 m	75 m
Drop Resistance	1 meter	
IP Rating	IP67	
Dimension	80 * 50 * 45 mm	
Weight	143 g	

Certifications:

Class I Div 1&2 Grp ABCD / Class II Div 1&2 Grp EFG
Class III / Temperature Code T4 IP67
File number: E324236

II 1G Ex ia IIC T4 IP67
DEMKO 14 ATEX 1354X

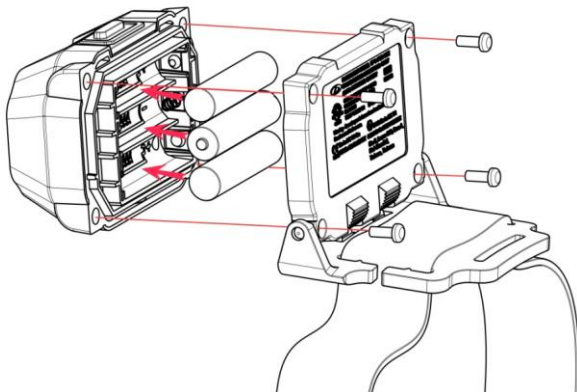**IECEx**   Ex ia IIC T4 Ga IP67
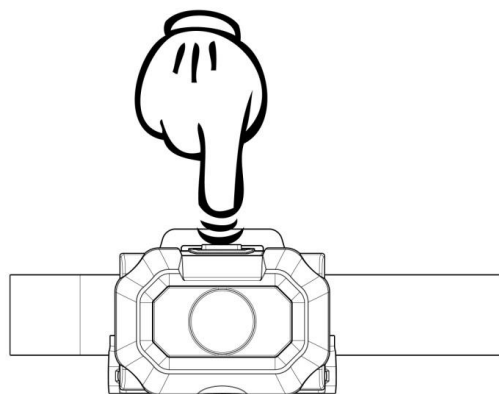IECEx UL 14.0059X

CE   0518

Standards:

1. UL 913, Seventh Edition

2. CSA C22.2 No.157-92, Reaffirmed 2012

3. EN 60079-0 : 2009 Edition

4. EN 60079-11 : 2012 Edition

5. EN 60079-26 : 2007 Edition

6. IEC 60079-0 : Fifth Edition

7. IEC 60079-11 : Sixth Edition

8. IEC 60079-26 : Second Edition

9. Directive 2014/34/EU

Installation:

Operation:

Push the top button to operate. The sequence is high and then low mode.

Battery Replacement:

Use only battery types below:
<u>Alkaline type</u>
Energizer E92
Duracell MN2400
Panasonic AAA LR03(T)

Safety Warning :

- Do not change batteries in hazardous locations.

- To reduce the risk of explosion do not mix new batteries with used batteries, or mix batteries from different manufacturers or from different types.

- Remove the batteries when unused for a period of time to prevent battery leakage in the device.

- The screw shall be secured tightly after opening and closing of enclosure.

- Substitution of components may impair intrinsic safety.

- Clean the flashlight only with damp cloth to avoid static electricity.

- Do not flash the light beam directly to human's eyes.

- Always use the device following the regulations of each country.