



Datasheet

RS PRO

Intrinsically Safe Torch

Stock number: 177-2740



IECEX

1. Description:

RS 1772740 is a portable, hand-held intrinsically safe torch for use in hazardous locations and can be powered with four size AA Alkaline cells. It has high, low and flash mode operating functions that allows users to operate for high brightness or long duration lighting.

2. Features:

- Intrinsically safe for use in hazardous locations
- Multiple functions: High / Low / Flash
- Cree LED
- IP67
- Tough and durable casing
- High Impact LENS & Non-Slip Handle
- High-Visibility yellow colour body
- Safety Lock

3. Specification: (Factory Standard):

Specs	High mode	Low mode
Light Output	235 lm	80 lm
Run Time	11 hr	36 hrs
Beam Distance	153 m	85 m
Drop Resistance	1 meter	
IP Rating	IP67	
Dimension	172 x 47 x 47 mm	
Weight	140 g	

4. Certifications:



UL USA : UL FILE NO.: OERX.E324236

Class I Div 1&2 Grp ABCD

Class II Div 1&2 Grp EFG

Class III Temp Code: T4

IECEX

IECEX Worldwide : IECEX CERTIFICATE NO.:

IECEX UL17.0044X

Ex ia I Ma, Ex ia IIC T4 Ga

Ex ib I Mb, Ex ib IIC T4 Gb



Ex Europe : ATEX CERTIFICATE NO.:

DEMKO 17 ATEX 1810X

Ex I M1 Ex ia I Ma

Ex II 1G Ex ia IIC T4 Ga

Ex I M2 Ex ib I Mb

Ex II 2 G Ex ib IIC T4 Gb

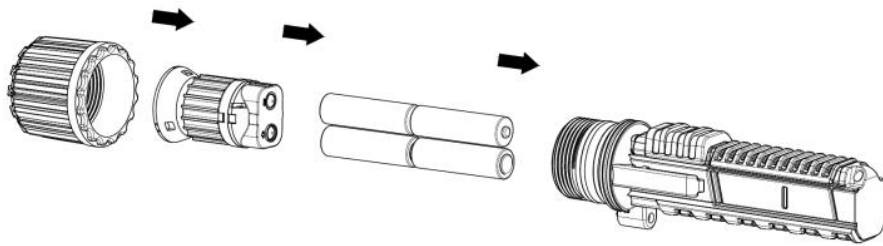


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Standard:

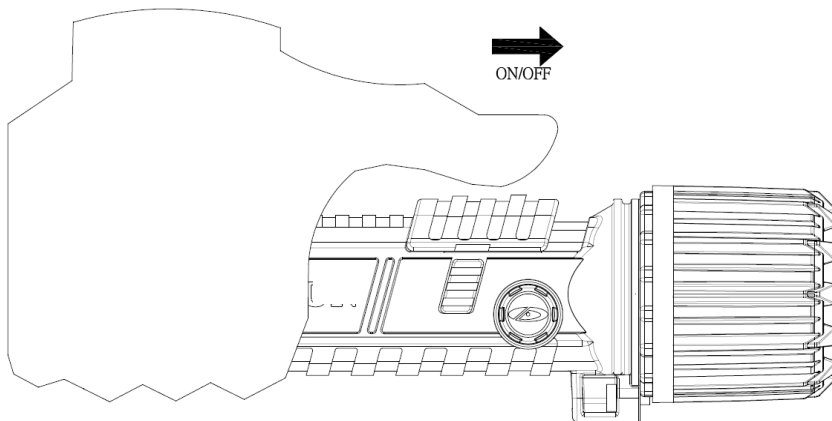
- UL 913, Eighth Edition
- CSA C22.2 No.157-92, Reaffirmed 2012
- EN 60079-0 : 2012+A11:2013 Edition
- EN 60079-11 : 2012 Edition
- EN50303 : 2000 Edition
- IEC 60079-0 : Sixth Edition
- IEC 60079-11 : Sixth Edition

5. Installation:



6. Operation:

Lighting by pushing the switch of #1772740, by turning it on for 3 multiple functions of Full lighting/Half lighting/Flashing and turn it off as well. This switch is operated by magnetism.



7. Battery:

Batteries type:

Alkaline type

ENERGIZER E91

DURACELL MN1500

RAYOVAC 815

ANSMANN 5015548

ANSMANN 1502-0002

NiMH type

Energizer NH15-2300

8. Change of batteries:

Warning – Replace batteries only in non hazardous areas. Please unscrew the front cap, please do not directly touch inside heat sink set, it might be a bit hot after long time using, remove the cap, remove the reflector with LED inserted, avoiding touching inside surface of reflector, it might affect the performance of lighting.

Always using proper batteries to go with DS-1, do not mixed brand using. Always replace all batteries at the same time, filling new batteries in corresponding to (+) positive and (-) negative mark sticker inside of battery case by two rules to batteries:

Use only battery type as mentioned on #7

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

9. Warning:

- The screw should be secured tightly after replacing the batteries. Install the batteries in the correct assembly. When re-insert reflector set, with smart design, please gently insert it, it could slowly slide into groove and fit it well, please do not over-force on it. Closing the torch by screwing the cap right to end of the screw thread. And with long period of time without using the torch, batteries should be removed out for avoiding battery leaking which may cause damage to torch's life.

10. Safety warning:

- Clean torch only with damp cloth to avoid static electricity.
- Do not flash the light beam directly to human's eyes, it may cause temporarily dizzy, please leave away, and close your eyes immediately when light beam moves toward to your eyes directly.
- Always use this torch by following regular and legal rules governed by industrial control and management authority from every country.
- Substitution of components may impair intrinsic safety.