

EEx ibe IIC dual lens safety torches intrinsic safety and increased safety



0951 00

Dual lens safety torch

- Black polycarbonate body
- Polished internal reflectors
- Polycarbonate lenses
- Stainless steel suspension hook
- Pocket clip
- Luminescent ring
- One lens at the end for intensive beam
- One lens at the side for wide angle beam
- 3-position red selector switch:
 - Lens at end (intensive)
 - Stop
 - Side lens (wide angle)
- Takes two R 20 or LR 20 batteries (not supplied)
- Supplied with 1 halogen bulb at the end and one incandescent bulb at the side.
- Opening tool (conforming to CENELEC standards)

Catalogue numbers

Permissible lamps	R 20 or LR 20 battery (not supplied)	Weight (Kg)	Volume (dm ³)	Cat. No.	Pack
2,8 V - 0,5 A (Halogen)	2	0.4	1.9	0951 00	1
2,5 V - 0,3 A (Incandescent)					

Accessories

Lamps, P13 cap, 55 S

	Cat. No.	Pack
2.8 V - 0.5 A halogen for Cat. No. 0951 00/02	0952 39	10
2.5 V - 0.3 A incandescent for Cat. No. 0951 00/02	0952 36	10
2.4 v - 0.7 A Krypton for old 2-lens model 0951 01	0952 38	10

Part number in bold : fast moving references

Zone 1 & 2 - 21 & 22	ATEX	IEC	EC	II 2 G/D
EEx ibe IIC	T6 or T4 or T3	T = 58 to 97°C		IP66/68

TECHNICAL DATA

Zones :

- 1 and 2 and 21-22

Classification:

- According to CENELEC:
 - Conforming to ATEX - 94/9 EC Directive and standards EN 50014-19-20
 - EC 0081 Ex II 2 G: for gas EEx ibe II C T(+)
 - EC 0081 Ex II 2 D T = (**) for dust
- According to IEC:
 - Conforming to standards IEC 60079-0/7/11 Ex ibe II C T(+)
 - DIPA 21 TA = (**)

	Dust		Gas	
	for Ta = 40°C	– 20°C Ta + 40°C	+ 40°C Ta > + 55°C	for
Type of lamp				
Incandescent PR6	58°C (**)	T6/T4 (*)	T6/T4 (*)	
Krypton PR102	97°C (**)	T4	T4	
Halogen HPR52	68°C (**)	T4	T3	
Halogen HPR01	68°C (**)	T4	T4	

(*) T4 Taking in account wrong batteries installation (batteries short circuited)

(**) Temperature for dust applications = 115°C when batteries are circuited

WARNING : The use of Krypton lamps is exclusively reserved for the old torches Cat. Nos. 0951 01. Their use on 0951 00 torches is strictly prohibited

Approvals :

- Approved type TCH2
- CENELEC LCIE 02 ATEX 6229
- IEC LCIE Ex 02.024
- CE declaration of conformity No. 50238
- Conforming to standards EN 60598-1 and IEC 60598-1 for luminaires
- Conforming to standards EN 50281-1-1 and IEC 61241-1-1 "combustible dust"

Protection index :

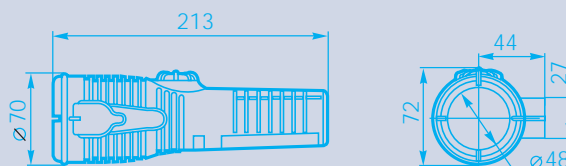
- IP 66/68 (25m) according to EN 60529 and IEC 60529

Operating temperature :

- 20°C to + 55°C

Anticorrosion treatment and climate protection : see page G50

Dimensions (mm) :



Réf. 0951 00

Product features/customer benefits

- Photoluminescent ring : torch can be located in the dark
- 2 separate lamps : if one lamp fails, the second can be used to evacuate the area : "Safety Plus"
- Pocket clip : both hands available to work

Data sheet available on request