



Parat® X-treme IECEx and ATEX Certifications



PX 1 XAG (Conductive) Helmet & Hand-held Safety Lights
For Danger Zone 1, IIC (Hydrogen), Dust Zone 21, IIIC (Conductive Dust)
Spark Discharge (SD) protected, RFI and EMI shielded.

Model	IECEx Certification	Atex Certification
PX 1 XAG LED (white & amber)	IECExITS08.0042X	ITS08ATEX25942X
Gas, Zone 1	Ex ib IIC T4 Gb (Ta -20°C to +40°C)	II 2G Ex ib IIC T4 Gb (Ta -20°C to +40°C)
Dust, Zone 21	Ex ib IIIC T81°C Db IP68 (Ta -20°C to +40°C)	II 2D Ex ib IIIC T81°C Db IP68 (Ta -20°C to +40°C)
PX 1 XAG Xenon	IECExITS08.0042X	ITS08ATEX25942X
Gas, Zone 1	Ex ib e IIC T4 Gb (Ta 0°C to +40°C)	II 2G Ex ib e IIC T4 Gb (Ta 0°C to +40°C)
Dust, Zone 21	Ex ib e IIIC T81°C Db IP64 (Ta 0°C to +40°C)	II 2D Ex ib e IIIC T81°C Db IP64 (Ta 0°C to +40°C)
Batteries	4 x Alkaline AA/LR6/MN1500. Use Diamon (by Duracell) or Energizer Classic.	



Colours:
Red & Light Gray

Note: IEC60079-0 2007 Ed5. combines requirements for Gas and Dust. IIIA combustive flyings, IIB non-conductive dust and **IIIC conductive dust.**

PX 1 PC (Non-conductive) Helmet & Hand-held Safety Lights
For Danger Zone 1, IIB (Ethylene), Dust Zone 21, IIIC (Conductive Dust)

Model	IECEx Certification	Atex Certification
PX 1 PC LED (white & amber)	IECExITS08.0042X	ITS08ATEX25942X
Gas, Zone 1	Ex ib IIB T4 Gb (Ta -20°C to +40°C)	II 2G Ex ib IIB T4 Gb (Ta -20°C to +40°C)
Dust, Zone 21	Ex ib IIIC T81°C Db IP68 (Ta -20°C to +40°C)	II 2D Ex ib IIIC T81°C Db IP68 (Ta -20°C to +40°C)
PX 1 PC Xenon	IECExITS08.0042X	ITS08ATEX25942X
Gas, Zone 1	Ex ib e IIB T4 Gb (Ta 0°C to +40°C)	II 2G Ex ib e IIB T4 Gb (Ta 0°C to +40°C)
Batteries	4 x Alkaline AA/LR6/MN1500. Use Diamon (by Duracell) or Energizer Classic.	



Colours:
Flame-yellow & Black

Note: IEC60079-0 2007 Ed5. combines requirements for Gas and Dust. IIIA combustive flyings, IIB non-conductive dust and **IIIC conductive dust.**

PX 2 Penlight – For Danger Zone 1, IIB (Ethylene)

Model	IECEX Certification	Atex Certification
PX 2 PC LED (white)	IECEXITS08.0041X	ITS08ATEX25943X
Gas, Zone 1	Ex ib IIB T4 Gb IP 68	II 2G Ex ib IIB T4 Gb IP 68
PX 1 PC Xenon	IECEXITS08.0041X	ITS08ATEX25943X
Gas, Zone 1	Ex ib e IIB T4 Gb IP 68	II 2G Ex ib e IIB T4 Gb IP 68
Batteries	2 x Alkaline AAA / Micro / LR3, 1.5 V. Use Diamon (by Duracell) or Energizer Mini Stilo Classic	



**Colours:
Flame-yellow & Black**

PX 3 Power Penlight – For Danger Zone 2, IIC (Hydrogen)

Model	Atex Certification
PX 3 PC LED (white)	ATEX Zone 2
Gas, Zone 2	II 3G Ex nA IIC T4
IP rating	Water resistant IP68 (not for diving)
Batteries	2 x Alkaline AA/LR6/MN1500. Use Diamon (by Duracell) or Energizer Classic It is possible to operate PX 3 with 2 x rechargeable NiMH batteries.



**Colours:
Flame-yellow & Black**

Trademark: PARAT® trademark is owned and registered by Parat GMBH + Co. KG, Germany.

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