

感煙探測器電離室



勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

產品特性:

電腦類比最佳性能設計的單源雙室結構；

所有部件採用高耐腐蝕性材料，安全性能達到 BS/ISO/ANSI/GB C64646 標準；

採用高性能絕緣材料聚四氟乙烯，在相對濕度 95%和 40°C 條件下工作穩定；

平衡電位分散度小，滿足類比量和智慧化感煙探測器使用要求；

DSC-Ja08 型電離室可以滿足工業用和家用報警器的要求；接點已塗焊料便於安裝；

DSC-Ja08 型電離室裝有測試電極，可以類比煙霧情況並可進行遠端調試。

DSC-Ja08 型電離室



特性

用電腦類比最佳條件設計單源雙室結構；

產品經中國物理研究所測試，符合 UL217 和歐 EN54-7 標準；

在近似標準大氣壓，相對 95%和 400C 以下的清潔空氣中，收集極平衡電位的變化值保持在 5-6V，亦

可適應不同工作電源電壓，其參數相應隨工作電壓而變化；

用高性能絕緣材料聚四氟乙烯，確保在高濕條件下，漏電電流小，同時採用不銹鋼、聚四氟乙烯、

聚丙烯材料，電離源表面是高耐腐蝕的金屬鈹；

收集極平衡電位一致性好分散度小，可以用於類比量感煙探測器；

DSC-Ja08 電離室裝有測試電極，可在探測器工作時進行性能測試；

所有焊點預先塗焊料，便於焊接安裝；

輻射安全：單源，活度低，安全性能達到分級標準（GB4075-ISO2919）C64646；

產品技術規格

外罩電極與源基電極間電壓（工作電源電壓）； 9V

收集極平衡電位； 5.0-6V

收集極電位隨煙濃度變化；

減光率為 0.2%/英尺 2 0.7V

減光率為 4%/英尺 2 3.0V

絕緣體漏電電流（Max）； 0.5pA

電容（收集極至外罩+至源基極間）； 6pF

Am-241 活度； $<0.9 \mu \text{ Ci}$ （典型活度 $0.5 \mu \text{ Ci}$ ）

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Produce class : Catalog of general p

produce introduce :

Perfect character design of single source double room structure by computer simulation;

- ❑ All the parts use high anti-caustic material, and its safety can reach to BS/ISO/ANSI/GB C64646 standard;
- ❑ Adopt high quality insulation poly tetra-fluoro ethene and can work stably under comparative humidity of 95% and 40°C;
- ❑ Small balance potential distribution to satisfy simulation amount and utilizing requirement of intelligence smoke detector;
- ❑ Two type of DSC.AXC and DSC.BXC ion chamber to satisfy requirement of industrial and domestic alarm; coat solder to the connection to make it convenient for installation;
- ❑ Install weld pole to DSC A3C type ion chamber to simulate smoke and make remote adjustment;
- ❑ Have passed America UL217, Europe EN-54-7, Britain BS5445-7 and Chinese related standard test.

Technical graph of ion chamber:

DSC B1C Type ionization room



Character

Perfect design of single source double room structure by computer simulation;

- ❑ In approximate standard pressure, comparative 95% and below 40°C clean air, the shift amount of connection pole balance potential keeps at 5.3 -6.3V, and can also applicable for different power and pressure, and its index various according to working pressure;
- ❑ Radiation safety : single source, low source, low range, safety grade standard reaches to C64646(GB4075-ISO2919);
- ❑ Use corrosive protection and high function plastic, palladium metal Am-241 and other high anti-causticity material;
- ❑ The basic shack and slot of ionization room is fitful to be installed in the upper part of IC. 15 connecting of IC and connection pole connection point get near and convenient for soldering and can effectively shield RF interference, meanwhile all the soldering point are coated with soldering tin previously so as to convenient for installation;

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- ☑ The quality of products achieves a good coherence, detectors do not need to check ionization room one by one so as to make it convenient for automatic production;

Products technical specification

- ☑ The pressure between cover pole and source pole (work power source pressure); 9V
- ☑ Connection pole balance potential ; 5.3 - 6.3V
- ☑ Connection pole balance potential changes by smoke ;
- ☑ Light reduce rate is 4.0%/feet 2 2.0V
- ☑ Insulator creepage currency (Max); 0.5pA
- ☑ Capacitance (connect pole cover + source basic pole) ; 6.0pF
- ☑ Am-241 range ; < 0.8μCi

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Character

- ☑ Perfect design of single source double room structure by computer simulation;
- ☑ The products have passed tests of America UL and Denmark DELTA Electronics Testing, applying for UL217 and Europe EN54-7 standard ;
- ☑ In approximate standard pressure, comparative 95% and below 400°C clean air, the shift amount of connection pole balance potential keeps at 5.3 -6.3V and can also applicable for different power and pressure, and its index various according to working pressure
- ☑ Use high function insulator material polo tetra-fluoro ethene to promise low creepage of currency in super wet condition, meanwhile use corrosive protection, poly tetra-fluoro ethene, polypropylene material and the surface of ionization source is highly anti-causticity metal palladium;
- ☑ Connection pole balance potential have a good coherence and low disperse and can be used in simulation smoke detector;
- ☑ DSC A3C ionization room was equipped with check pole to check the detector while working;
- ☑ All the soldering point are coated with soldering material previously so as to convenient for installation;
- ☑ Radiation safety : single source, low range, safety function reaches to standard (GB4075-ISO2919) C64646 ;

Products technical specification

- ☑ The pressure between cover pole and source pole (work power source pressure); 9V

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- ❑ Connection pole balance potential ; 5.0-6V
- ❑ Connection pole balance potential changes by smoke ;
- ❑ Light reduce rate is 0.2%/feet2 0.7V
- ❑ Light reduce rate is 4%/feet2 3.0V
- ❑ Insulator creepage currency (Max); 0.5pA
- ❑ Capacitance (connect pole cover + source basic pole) ; 6pF
- ❑ Am-241 range ; <math><0.9\mu Ci</math> (specific range 0.5 μCi)

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