

湿式报警阀 Wet Alarm Valve Series

材质: 不锈钢 / 球墨铸铁

Material: Stainless steel / Ductile Cast Iron



应急管理部消防产品合格评定

China Certification for Fire Products of MEM



湿式报警阀

Wet Alarm Valve Series

• ZSFZ (80-250)-1.6

产品介绍

Product Introduction

湿式报警阀是只允许水单方向流入喷水灭火系统，并在规定的压力和流量下驱动配套部件报警的一种单向阀。它与水流指示器、压力开关、洒水喷头组成的湿式自动喷水灭火系统是一种应用极为广泛的固定式灭火系统。该系统管网内常年充满一定压力的清水，长期处于伺应工作状态；当保护区域内某处发生火灾时，区域内环境温度升高；洒水喷头的热敏感元件（玻璃球）中的有机溶液发生热膨胀而产生很大的内压力，直到玻璃球外壳发生破碎，从而开启喷头洒水，并且自动启动整个系统，发出声光报警信号，以达到火灾报警及控制火灾、扑灭火灾之目的。

The wet alarm valve is a one-way valve which is allowed the water to flow into the sprinkler system individually and drives the alarm of supporting parts under the specified pressure and flow. The wet automatic sprinkler system which is consisted of wet alarm valve, water flow indicator, pressure switch, sprinklers is one of the most widely used fixed fire extinguishing system. The system pipe network is always filled with water which has pressure, under set condition long time. The ambient temperature of area will be higher and higher when the protection place gets fire. And, the organic solutions in the heat sensitive element (glass ball) of the sprinkler are thermally expanded and produce a large internal pressure until the glass ball shell is broken. Then, the sprinkler is opened, starts the entire system automatically and issued sound and light alarm signal, to achieve fire alarm, control fire and extinguish fire.