

5.3MPa Selector Valve For Fire Fighting Fire Suppression System Accessories

Our Product Introduction

Basic Information

- Place of Origin: Guangzhou, GuangDong, China
- Brand Name: RUIGANG
- Certification: CCC/ISO9001/ISO14001/ISO10012/ISO45001
- Model Number: QXZ32/5.3RG QXZ40/5.3RG QXZ50/5.3RG QXZ65/RG QXZ80/5.3RG QXZ100/5.3RG QXZ125/5.3RG QXZ150/5.3RG
- Minimum Order Quantity: 2set system
- Price: negotiation
- Packaging Details: Plywood outer box with bubble bag or pape
- Delivery Time: 10~15 working days
- Payment Terms: L/C, T/T, Western Union,Paypal,Credit Card
- Supply Ability: 30000 sets per month



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Product Specification

- Material: Stainless Steel
- Manually Operate Displacement: ≤300mm
- Nominal Pressure: 5.3MPa
- Equivalent Length: 2.81~18.81
- Manual Operating Force: ≤150N
- Highlight: Fire Suppression Selector Valve, fire extinguishing system selection valve, 5.3MPa Stainless steel Selector Valve



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Product Description

The selection valve of the gas fire extinguishing system ensures rapid fire extinguishing

The selector valve of the gas extinguishing system, also known as the distribution valve, is one of the important components in the gas extinguishing system. Its main function is to control the release of extinguishing agent to the corresponding protected area, ensuring that the extinguishing agent can act precisely and effectively on the fire source to achieve rapid fire extinguishing.

In terms of structural forms, selector valves are mainly divided into piston type and ball type. The piston-type selector valve has a relatively simple structure, while the ball-type selector valve is usually composed of a lower ball valve and an upper pneumatic actuator, which makes the ball-type selector valve have higher flexibility and reliability.

In terms of start-up modes, selector valves can be divided into pneumatic start-up type, electromagnetic start-up type, electric detonation start-up type, and combined start-up type. These different start-up modes allow the selector valve to be flexibly selected according to different application scenarios and needs. For example, in scenarios that require remote control, electromagnetic start-up type or pneumatic start-up type selector valves may be more suitable; while in scenarios that require fast response, electric detonation start-up type selector valves may be more suitable.

In terms of working principles, when the fire extinguishing device senses a fire signal, the control system will send instructions to the selector valve. After receiving the instructions, the selector valve will activate the corresponding actuator to control the movement of the valve core, thus opening or closing the extinguishing agent release channel. In this way, the extinguishing agent can be precisely released to the fire-affected area through the selector valve to achieve the fire extinguishing effect.

Moreover, the performance parameters of the selector valve are also very important. Among them, nominal working pressure and nominal diameter are two key parameters. Nominal working pressure represents the maximum working pressure that the selector valve can bear, while nominal diameter determines the flow rate of the extinguishing agent through the selector valve. The selection of these parameters needs to be determined according to the specific requirements of the fire extinguishing system.

Overall, the selector valve of the gas extinguishing system plays a vital role in the fire extinguishing process. It can ensure that the extinguishing agent is released precisely and quickly to the fire-affected area, thus achieving an effective fire extinguishing effect. At the same time, selector valves of different types and performance parameters also provide more choices and flexibility for the design and application of the fire extinguishing system.



Guangzhou Ruigang Fire-Fighting Equipment Co., Ltd.



+86 18124226119



18124226119@139.com



firefm200.com

No. 2, Zhongwei Road, Dongyong Town, Nansha District, Guangzhou