9-10978

3/4" Large check valve

General

"When the aspirating smoke detection system is installed in a dirty or dusty environment, the sampling pipes and sampling holes can get obscured over a period of time by the various airborne particles. As a result it is recommend to clean the sampling pipes and holes by blowing low pressure compressed air in the reverse direction through the sampling pipes. The connection of the compressed air to the sampling pipe and the release of excess air at the end of the sampling pipe can be cumbersome.

With the Quick Release Airline Valve (9-30976), the ¾" Large Check Valve (9-10978) and ¾" Large 2 Way Ball Valve (9-10980) this does not need to be the case anymore. The quick release airline valve is installed close to the detector. During maintenance the detector can be switched-off and the valve closed to prevent any damage to the detector during the clearing process. The low pressure compressed air can now be easily connected to the quick release. At the far end of the sampling pipe the ¾" large check valve or ¾" large 2 way ball valve can be used. The check value is the easiest to use, as it will automatically open to release excess pressure during the cleaning process, and does not require any human interaction. In some cases the check valve might not be suitable, and then the 2 way ball valve can be used to manually open the far end of the sampling pipe."

Usage

The airline should never be turned on without first closing the valve to protect the ASD. The ABS ball valve is a 15 bar rated valve along with the pipes and fittings, however the cement and jointing procedures used on aspirating installations is low pressure and not rated at 15 bar. Excessive pressure should not be used to blow the dust from the pipe system, pressure will naturally be lost through the holes in the system or by pre-installing a check valve/air release valve (9-10978) at the end of the pipeline in order to allow excessive air pressure to be released from the end of the pipeline. Only a minimal amount of pressure is required to blow dust out. It is recommended to use the 9-10978 in conjunction with the 9-10976 - quick release airline valve.



Details

- Easy maintenance
- Robust valve which automatically release excess pressure
- For use with 9-10976 - quick release airline valve.

9-10978

3/4" Large check valve

Technical specifications

Physical

Colour	Grey

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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