

Add:Bali Village Qiaoxia Town, Yongjia County, Wenzhou City, Zhejiang Province, China.

Safety-Grade Pneumatic Control Components for Tank Truck Loading & Unloading Systems

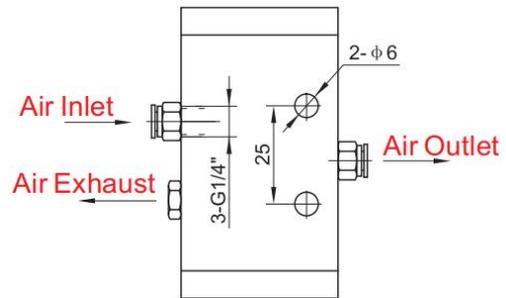
The pneumatic control device is mainly composed of an **oil-water separator**, a hand-operated valve, a **Emergency Button**, and an **air interlock**. It enables remote control of all pneumatic components of the tank truck, making it easy, safe, and flexible to operate. The oil-water separator is used to separate oil and water in compressed air to keep ventilation and dryness. Push button valve is used for emergency exhaust of pneumatic control pipelines. The air interlock is installed on the vapor recovery adaptor or the API bottom loading adaptor (air control without lever type) to perform pneumatic interlocking and can also be used as an emergency exhaust valve.



HBC803F-01 Air Interlock for Vapor Recovery Adaptor



HBQAN-01 Emergency Button



HBSL-01 Push&Pull Button



HBSL-02 Push&Pull Button



HBC803F-02 Air Interlock for Vapor Recovery Adaptor

HBQYS-01 Oil-Water Separator



It is installed in the pipeline of air control system. Before the air goes into the pipeline, it will enter this separator to be analyzed. The air will be atomized and added the lubricate. Then it will enter the pipeline to lubricate the space parts. There is a regulating valve in the separator in order to adjust the air pressure.

Adopting standardized module design, it can be combined and decomposed according to detailed requirements. The product design is reasonable and easy to use, and can meet the usage requirements of various pneumatic systems. The transparent inspection cover allows you to directly observe the amount of oil dripping and water accumulation. High-strength resin (polycarbonate) protective cover, safe and reliable to use.

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HBC803F-01 Air Interlock for Vapor Recovery Adaptor



HBC803F-01 Air Interlock is installed in the pipeline of air control system and usually is installed on a API bottom loading adaptor or vapor recovery valve & adaptor. It prevents tank truck from leaving the loading rack while still connected to the loading arm, ensuring operational safety. This 3-way air valve can be configured as normally open or normally closed, features an adjustable stem, and is designed with standardized TTMA and API mounting holes. It's widely used in safety control applications of petrol or chemical tank truck.

Materials:

Body: Plastic,
Seal: NBR (Nitrile Rubber)
Shaft: Copper
Spring: Stainless Steel

Features:

- ◆ Main shaft sealing design prevents dust from entering the sealing area.
- ◆ Suitable for all vapor recovery valve mounting positions.
- ◆ Durable structure ensures long service life.
- ◆ Compatible with all TTMA flanges of API bottom loading adapters or vapor recovery adapters..
- ◆ Controlled by pneumatic actuator.
- ◆ 1/4 inch NPT air line ports.

Technical Data:

Air Pipe Size: 6mm
Working Pressure: 0.8 MPa
Operating Method:Pneumatic
Temperature Range: -20℃ to +70℃
Connection Mode: Push-in
Medium:Air