

Clean Agent Suppression Systems with Solenoid Actuated Valve

RELOAD KIT - SOLENOID OPERATED VALVES

85-041-2 – 25mm Valve

85-043-2 – 80 mm Valve



DESCRIPTION

Reload Kits are designed to facilitate field reconditioning of the complete line of Fike Solenoid Operated Clean Agent containers utilizing the solenoid operated valve. The 25mm Reload Kit will service Fike's 4 - 44 L DOT Containers. The 80mm Reload Kit will service Fike's 87 - 423 L DOT Containers.

Each Kit consists of a solenoid actuated rupture disc assembly, nitrogen cylinder, replacement core for the fill valve, and O-rings.

VICTAULIC NIPPLE

02-10042 – Nipple, 25mm to 1" NPT

02-2106 – Nipple, 80mm to 3" NPT

VICTAULIC COUPLING

02-9964 – 25mm Victaulic Coupling

02-1987 – 80mm Victaulic Coupling



DESCRIPTION

The purpose of the 25mm and 80mm standard Victaulic nipple & coupling is to connect the system piping to the 25mm and 80mm container valve. The coupling is rated at 6895 kPa working pressure and contains a Buna "N" gasket. The nipple is Schedule 40 pipe, has a 25mm and 80mm male pipe thread at one end and a 25mm or 80mm Victaulic groove on the opposite end.

Victaulic Couplings are included in the Container Assemblies, however, Nipples are ordered and sold separately.

PRESSURE SWITCH

02-9830 – Supervisory Low Pressure Switch



DESCRIPTION

This device monitors the pressure within the Clean Agent HFC-227ea Container. Should loss of Agent or Nitrogen occur, the Pressure Switch contacts will indicate a low-pressure condition electrically.

The low-pressure switch can be field-installed without the loss of the container contents. Each Clean Agent, HFC-227ea Container Valve is equipped with a 1/8" NPT gauge bleeder port for switch installation.

SPECIFICATIONS

Switching Pressure

Rising: 25 barg (2480kPa)

Falling: 19 barg (1875kPa)

Switch Temperature Rating

-17° C to +71° C

Contacts

2 amp silver contacts Normally Open/Normally Closed. 600V-105°C 18 AWG wire, 100cm

Connection

1/8" male NPT with snubber (4 mm)

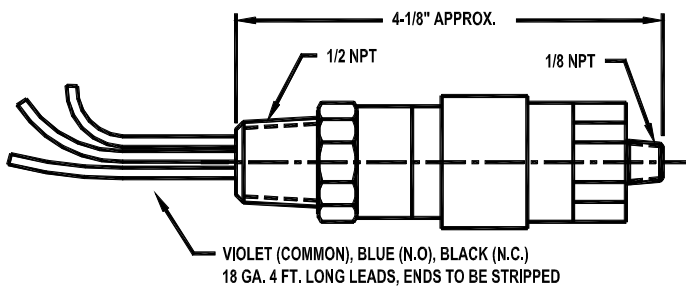
Enclosure

Aluminum with irridite finish

Enclosure Classification

NEMA 4

Note: Low pressure indication will be dependant on the container storage temperature.



CHECK VALVE

02-2980 25 mm

02-4157 80 mm



DESCRIPTION

The Fike Check Valve prevents agent loss from the open end of a manifold and/or piping system in the event that one or more containers are removed for servicing and the system is discharged. This applies to all manifold configurations including Main/Reserve Systems.

Constructed of carbon steel, the Check Valve has a working pressure of 50 bar and has 1" or 3" female NPT threads.

Equivalent Length Values:

25 mm - 0.61 m

80 mm - 1.22 m