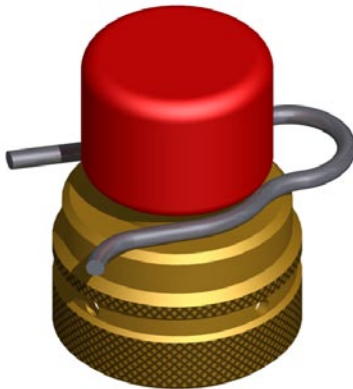


SECTION 2 - SYSTEM COMPONENTS

Manual Actuator

The manual actuator is used to mechanically operate the system at the container position and is fitted to the top of the valve assembly or removable electrical actuator. Inadvertent operation is prevented by a safety clip which has to be removed before activation.

Figure 10 - Manual Actuator (Part No. 304.209.002)



Technical Information

Body:	Brass CZ 121
Knob:	PVC (Colour: Red)
Safety Pin:	Stainless Steel 303
Piston Rod:	Brass CZ 121
Min. Actuation Force:	25.5 N (5.73 lbf)
Overall Size:	52mm (L) x 41.5mm (Dia) (2.05" (L) x 1.63" (Dia))
Weight:	0.265 kg (0.584 lbs)

Pneumatic Actuator

The pneumatic actuator is used to pneumatically operate the system at the container position and is fitted to the top of the valve assembly or removable electrical actuator. Pressure from a 'master' container is used to actuate the valve, via small bore piping or a flexible hose.

Figure 11 - Pneumatic Actuator (Part No. 304.209.004)



Technical Information

Body:	Brass CZ121
Actuation Pin:	Stainless Steel
Piston Rod:	Brass CZ 121
Pipe connection:	1/4" NPT Female
Min. Actuation Pressure:	4 bar (58 psi)
Max. Working Pressure:	56 bar (812 psi)
Overall Size:	48mm (L) x 41.5mm (Dia) (1.89" (L) x 1.63" (Dia))
Weight:	0.228 kg (0.503 lbs)

SECTION 5 - INSTALLATION**Manual Actuator**

The manual actuator can be fitted to the top of the electrical actuator or directly onto the valve, after first removing the protective cap.

Caution. Before attaching the manual actuator to the electrical actuator or valve, ensure that the firing pin is retracted and the safety pin is in place (see Figure 58).

Note. The actuator must be hand-tight only.

Multiple Container Actuation

Where several containers comprise one system and are discharged simultaneously, one container is designated as the 'master' container, and the others are 'slave' containers. The master container can be actuated electrically or manually. The slave containers are actuated pneumatically by the action of the master container discharging.

Pneumatic Actuator

Check that the actuating plungers are in the raised position (see Figure 60). Remove the actuation cap from the top of the valve assembly (see Figure 46) and carefully screw the pneumatic actuator to the valve on each slave container.

Note. The actuator must be hand-tight only.

Figure 58 - Manual Actuator Non-Fire Position

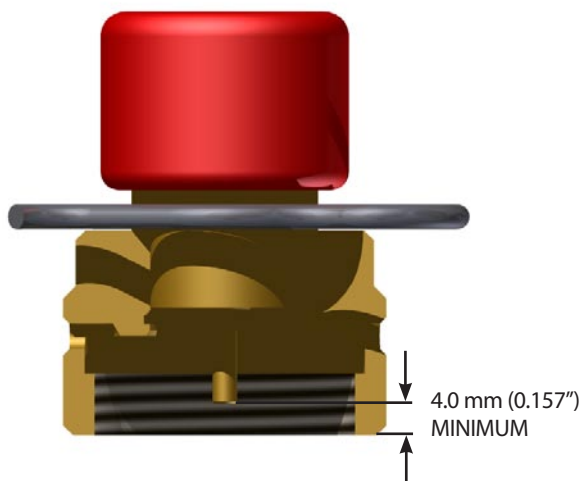


Figure 59 - Manual Actuator Location

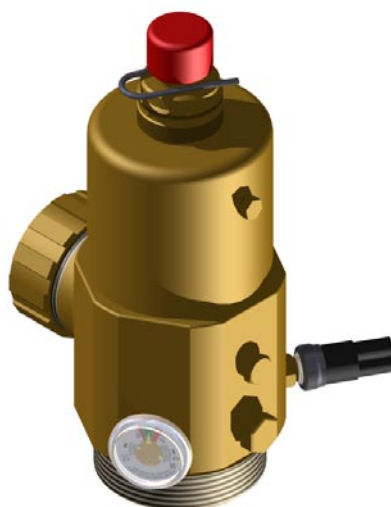


Figure 60 - Pneumatic Actuator Non-Fire Position

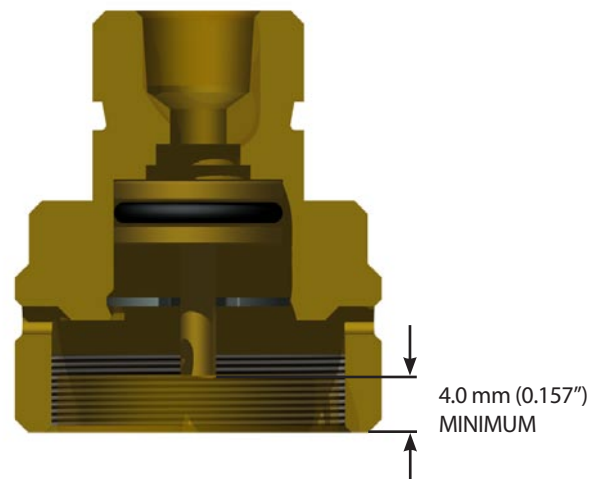


Figure 61 - Pneumatic Actuator Location

