



Context Plus Latching Solenoid with Local Manual Control Head

Product Code: CP50026 + CP61033-2



Latching Solenoid Part CP50026

The Latching Solenoid is used to open a Schrader valve on the top plug adaptor of the cylinder valve. The application provides a solution with a fast response and a high latching force to be used with the Context Plus Clean Agent Fire Suppression System. The latching actuator is held in the latched position without power until a signal from the agent release control panel cuts off the permanent magnet. When released, the latching solenoid opens the cylinder valve allowing the extinguishing medium to discharge from the cylinder into the system. The fast response time allows the Clean Agent Gas from the cylinder system to be released in the event of a fire. The latching solenoid is designed with an emergency release local manual control head to manually force the pin to depress the cylinder valve to release the extinguishing medium when needed. In order to reset the system, the solenoid is to be manually returned to the latched position. This custom latching solenoid is designed specifically for fire protection systems and is UL listed and tested in accordance with UL508.

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Manual Actuation Force	12-40 lbf (5.44-1 SW) max
Operating Force	20.25-14.6 lbf (90-65 N) Min
Power Requirement	24 VDC
Current	0.5A @ 24 VDC
Electrical Connection	DIN 43 650-N ISO 440 3pin
Operating Temperature Range	-4 to 131°F (-20 to 55°C)
Weight	1.9 lbs (0.86 kg)
Dimensions	Body diameter: 1.61" (41 mm) Length: 4.17" or 5.9" (106 or 150 mm) with manual actuation cap



Local Manual Control Head CP61033-2

The Local Manual Control Head features a local lever driven push rod that depresses a Schrader check valve through the latching solenoid when fitted onto the top of the solenoid, thereby venting the pressure from the top of the piston in the cylinder valve, allowing the piston to slide upward and commence cylinder discharge. The Local Manual Control Head can be mounted directly to a top plug adapter, which is the top piece of the cylinder valve.

- Equipped with safety pull-pin to prevent accidental manual discharge of Clean Agent
- Self-venting
- Solid brass construction
- Used for manual actuation of cylinder
- Stainless steel operation lock-pin

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