IMPULSE VALVE OPERATOR (IVO) KIT

DESCRIPTION
The Impulse Valve Operator (IVO) provides the means to electrically or manually activate the Fike Impulse Valve clean agent containers. Upon activation, a pin is extended with the force required to open the inverted rupture disc, allowing the agent to be released from the container.

The IVO can be activated either manually by depressing the red button or electrically via a signal from the fire suppression control panel. Once activated, the IVO can be reset using the included reset tool.

Fike Clean Agent Containers with Impulse Valve use an Impulse Releasing Module (IRM) to supervise the agent release circuit wiring (for open and ground fault conditions) from the container to the control panel. Up to 6 IRM's may be released from a single Fike fire suppression control panel.

An IVO kit is included when ordering an Impulse Valve clean agent container with electric actuation. The kit includes the following components:

<table>
<thead>
<tr>
<th>Fike P/N</th>
<th>Description</th>
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<tbody>
<tr>
<td>02-12728</td>
<td>IVO</td>
</tr>
<tr>
<td>70-286</td>
<td>Reset Tool</td>
</tr>
<tr>
<td>02-12755</td>
<td>Wire Lead (3' long) with connector</td>
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<tr>
<td>10-2748</td>
<td>IRM</td>
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</tbody>
</table>

SPECIFICATIONS
Normal Supply Voltage: 24VDC
Current Consumption: 0 Amps (for Battery Calculation)
Electrical Connection: DIN connector w/ Cable & ½” NPT for conduit connection
IVO Material: Stainless Steel (Body) / Brass (End Cap)
Temperature Range: 32°F to 130°F (0°C to 54.4°C)

APPROVALS
• UL Listed - Ex4623
• FM Approved - 3014476
**ELECTRIC ACTUATION - SINGLE CONTAINER SYSTEM WITH IVO**

- IRM Assembly (p/n 10-2748)
- Discharge Pressure Switch (p/n 02-12634)
- IVO w/ Manual Strike Button

**ELECTRIC ACTUATION - MULTI-CONTAINER SYSTEM WITH IVO**

- Fike Control Panel
- Maximum of 6 IRMs can be wired to a single Fike Control Panel
- IRM Assembly (p/n 10-2748)
- IVO w/ Plastic Cap / Manual Strike Button removed (Typical for containers)

**Note:** When utilizing electric actuation (IRM) with multiple containers with IVO, the manual strike button on each IVO must be removed and plastic cap installed. This is to prevent a single container from being discharged in a multiple container system.

For wiring installation details between Fike Control Panel, IRM and the IVO, reference the Impulse Release Module (IRM) Product Manual (p/n 06-552).