## DATA SHEET

## IMPULSE VALVE OPERATOR (IVO) KIT

## DESCRIPTION

The Impulse Valve Operator (IVO) provides means to electrically or manually activate the Fike Impulse Valve clean agent container by providing the force required to extend a piston that will open the rupture disc, allowing the agent to be released from the container.

The IVO can be activated electrically via a signal from Fike control panel or manually by depressing red strike buttom.

Fike Clean Agent Containers with Impulse Valve must 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. The Impulse Valve Operator Supervisor (IVOS) is used to monitor the presence of the Impulse Valve Operator (IVO). When installed between the Impulse Valve and the IVO, this supervises the presence of the actuation device; when the IVO is removed from the container this will cause a "supervisory event" at the system control panel.

The IVOS can also be used to monitor the presence of the Impulse Valve Pneumatic Operator (IVPO).


## APPROVALS:

- FM
- UL
- ULC


FM
APPROVED

## Fike

## SPECIFICATIONS

| IMPULSE VALVE OPERATOR (IVO) KIT (P/N 70-279) |  |  |
| :---: | :---: | :--- |
| Item No. | Part Number | Description |
| 1 | $02-12728$ | Impulse Valve Operator (IVO) |
| 2 | $10-2748$ | Impulse Releasing Module Assembly (IRM) |
| 3 | $02-14263$ | Impulse Valve Operator Supervisor(IVOS) |
| 4 | $02-13130$ | Safety Cotter Pin |
| 5 | $02-2213$ | Security Tie |
| 6 | $02-12925$ | Plastic Cap (Black) |
| Temperature Range | 32 to 130 ${ }^{\circ}$ (0 to 54.4 ${ }^{\circ} \mathrm{C}$ ) |  |
| Listings \& Approvals | UL / ULC Listed and FM Approved |  |
| SPECIFICATIONS - IMPULSE VALVE OPERATOR (IVO) (P/N 02-12728) |  |  |
| Normal Supply Voltage | 24 VDC |  |
| Current Consumption | 0 Amps (for Battery Calculation) |  |
| Electrical Connection |  | $1 / 2^{\prime \prime}$ NPT for conduit connection |
| IVO Material | Stainless Steel (Body) / Brass (End Cap) |  |
| SPECIFICATIONS - IMPULSE VALVE OPERATOR SUPERVISOR (IVOS) (P/N 02-14263) |  |  |
| Switch | Normally Closed (Black) / Normally Open (White) / <br> Common (Red) |  |
| Conduit | $1 / 4 "$ ID SST Flexible Conduit 33.5" Ig. with 1/2" Knockout <br> Connector |  |
| Wire Leads | 22 AWG, 44" Ig. |  |



Item No. 1


Item No. 3

