Initiator
for Spherical Agent Storage Containers
P/N 31-199932-004

F-93-1932

FEATURES
• UL & ULC Listed (EX4674)
• FM Approved
• -40°F to 130°F (-40°C to 54°C)
  Operational Temperature Range
• 4 Pin Threaded Connector
• Supplied with shorting device for safe and easy handling

DESCRIPTION
The initiator is a compact releasing device, containing a small explosive charge, which allows the control panel to simultaneously discharge multiple spheres on a single releasing circuit.

OPERATION
A 2.0 amp electrical current activates the initiator assembly, which ruptures the sphere’s burst disc valve. The initiator is destroyed by its operation and must be replaced whenever a system is actuated.

INSTALLATION
The initiator assembly is inserted into a well in the agent storage container and connected to the cable assembly (29-126879-00X) provided with each sphere. Connect the initiator releasing circuit only to panels UL Listed (see Table 1) with this device. Reference the applicable Fenwal design manual for details on the proper installation and testing procedures for this device.

MAINTENANCE
The initiator assembly shall be stored in accordance with federal, state and local regulations and stored at a 70-75°F (21-24°C) ambient temperature range. The service life varies with the maximum temperature to which it is exposed for an appreciable length of time. See Table 2. At the end of its service life, the initiator must be removed and destroyed in accordance with local regulations. A four digit date code is stamped on each initiator. The first two digits indicate the year of manufacture. The last two digits indicate the week (out of 52 weeks). If an initiator is installed in an agent storage container that has relieved as a result of an over-pressure, both the initiator and well assembly should be replaced regardless of the initiator’s age. The initiator must be destroyed in accordance with local regulations.

WARNING
Handle and store in accordance with appropriate federal, state, and local regulations governing explosive materials.

CAUTION
Never handle, transport, store, or install the initiator assembly unless the shorting device supplied with the assembly is properly installed. Safety glasses or a face shield must be worn when handling these devices. Ensure that the fixture, tools, initiator and installer are all grounded to the same point. Improper handling, misuse or abuse of this device can cause bodily injury.

VIEW SHOWN WITH SHORTING DEVICE REMOVED
SPECIFICATIONS

Weight: 1.04 oz. (29.5 g)
Length: 3.19 in. (81 mm)
Diameter: 1.125 in. (285 mm)
Primer Charge: 60 mg Potassium Nitrate
Base Charge: 260 mg Lead Azide
UN/NA Number: UN0255
Primary Hazard Class/Division: 1.4B

Table 1: Compatible Releasing Panels

<table>
<thead>
<tr>
<th>Panel Name</th>
<th>Part Number</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>FenwalNET 6000</td>
<td>74-600000-XXX</td>
<td></td>
</tr>
<tr>
<td>Remote Releasing Module</td>
<td>70-600000-001</td>
<td>Panel listed with Initiator to UL 894 9th Edition</td>
</tr>
<tr>
<td>732</td>
<td>30-732001-X01</td>
<td></td>
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<tr>
<td>FenwalNET 2000</td>
<td>74-200000-X0X</td>
<td>Panel listed with Initiator to UL 894 8th Edition</td>
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<tr>
<td>3220</td>
<td>30-322001-0XX</td>
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<tr>
<td>2320</td>
<td>30-232000-X0X</td>
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Table 2: Service Life

<table>
<thead>
<tr>
<th>Maximum Exposed Temperature</th>
<th>ºF</th>
<th>ºC</th>
<th>Service Life Years</th>
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</thead>
<tbody>
<tr>
<td>80</td>
<td>26</td>
<td>26</td>
<td>5</td>
</tr>
<tr>
<td>100</td>
<td>37</td>
<td>37</td>
<td>3</td>
</tr>
<tr>
<td>120</td>
<td>48</td>
<td>48</td>
<td>2</td>
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<tr>
<td>130</td>
<td>54</td>
<td>54</td>
<td>1</td>
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