

Initiator Assemblies

Effective: August 1999

for Fire Suppression Systems

P/N 93-199932-00X

FENWAL®

93.1932.0

DESCRIPTION

Initiator assemblies are used in Fenwal Fire Suppression System to rupture the burst disc valve in Fenwal agent storage containers.

⚠ WARNING

The initiator is a Class "C" explosive. It must be handle and stored in accordance with appropriate local regulations governing Class "C" explosives. The local Fire Marshall should

⚠ CAUTION

Never handle, transport, store, or install the initiator assembly unless the shorting cap supplied with the assembly is properly secured to its threaded end. Safety glasses or a face shield must be worn when handling these devices. Improper handling, misuse or abuse of this device can cause bodily injury.

OPERATION

The initiator assembly is activated by an electrical current of 2.0 amps. The assembly 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. Consult Fenwal Publication 93-FM200M-004 and/or 93-FM200M-003 for details on the proper installation and testing procedures for this device.

MAINTENANCE

The initiator assembly should be stored in an area maintained at 70-75°F (21-24°C). The storage area must be dry and secure from unauthorized access to these units. The combined shelf life and service life of an initiator assembly shall not exceed seven (7) years. The service life varies with the maximum temperature to which it is exposed for an appreciable length of time. See Table 1.

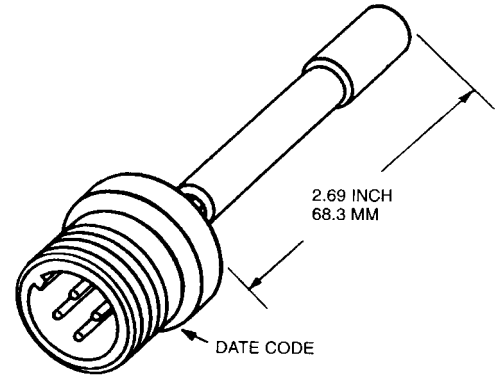


Table 1

MAX. EXPOSED TEMP.		SERVICE LIFE YEARS
F°	C°	
80	27	5
100	38	3
120	49	2
140	60	1

At the end of its service life or seven years, whichever occurs first, in initiator assembly must be removed and destroyed in accordance with local regulations.

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.

SPECIFICATIONS

Part No.	Assembly Weight		Dim. "A"		Appropriate ASC
	Oz.	Gm.	In.	mm	
31-199931-004	1.12	32.0	2.69	68.3	93-110201-001 93-110202-001 93-110203-001 93-110204-001 93-110250-001 93-110253-001 93-110351-001 93-110353-001

FENWAL®

KIDDE-FENWAL, INC.
400 MAIN STREET, ASHLAND, MA 01721
TEL: (508) 881-2000 FAX: (508) 881-8920
www.fenwalfire.com



This literature is provided for informational purposes only. KIDDE-FENWAL, INC. assumes no responsibility for the product's suitability for a particular application. The product must be properly applied to work correctly.

If you need more information on this product, or if you have a particular problem or question, contact KIDDE-FENWAL INC., Ashland, MA 01721. Telephone: (508) 881-2000

93.1932.0

8/99

©1999 Kidde-Fenwal Inc.

Printed in USA