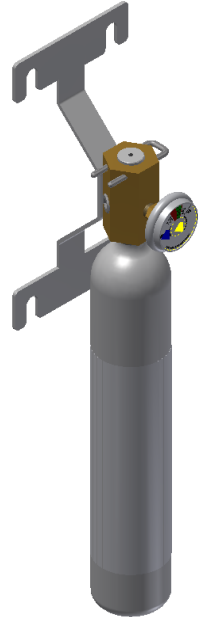


## NITROGEN ACTUATOR ASSEMBLY



### Description

The Nitrogen Actuator Assembly consists of a rechargeable nitrogen cylinder, brass valve assembly, pressure gauge and mounting bracket. It is designed to provide a pneumatic means to actuate any of the following Fike Suppression systems:

- Prolnert
- ECARO-25 (Impulse Valve)
- HFC-227ea (Impulse Valve)
- FK-5-1-12 (Impulse Valve)
- Carbon Dioxide (CO<sub>2</sub>)
- Selector Valves\*

\*The Nitrogen Actuator Assembly is included as part of the Selector Valve Assembly to provide a means to activate the valve. Refer to Data Sheet C.1.38.01 for Selector Valve information.

### Approvals

Underwriters Laboratories (UL)  
 Underwriters Laboratories of Canada (ULC)  
 Factor Mutual (FM)

*For exact certification listings, please reference the respective agency web site.*

### Specifications

Valve	
Body	Brass
ERD Plug	316L SST
O-Ring	Polyurethane
Pressure Gauge	
Housing	SST Case, Polycarbonate Lens, Brass Adaptor
Contact Rating	333 mA @ 30V DC
Electrical Connection	(2) 18 AWG, 12 in (305 mm) Leads
Switch Setting	1621 psi (112 bar) falling (Normally open at operating pressure)
Nitrogen Cylinder	
Fill Pressure	1800 psig (124 barg)
Volume	28 in <sup>3</sup> (460ml)
Classification	DOT 3E1800 / TC-3EM 124
Temperature Range	-4°F to 120°F (-20°C to 49°C)
Mounting Bracket	
Material	12 Gauge SST

### Ordering

Part Number	Description
70-325-1	Nitrogen Actuator Assembly (Filled)
70-325-3	Nitrogen Actuator Assembly (Empty)

A completer kit must be purchased separately and installed onto the Nitrogen Actuator Assembly valve to facilitate electrical or pneumatic activation of the assembly. See Completer Kit Ordering.

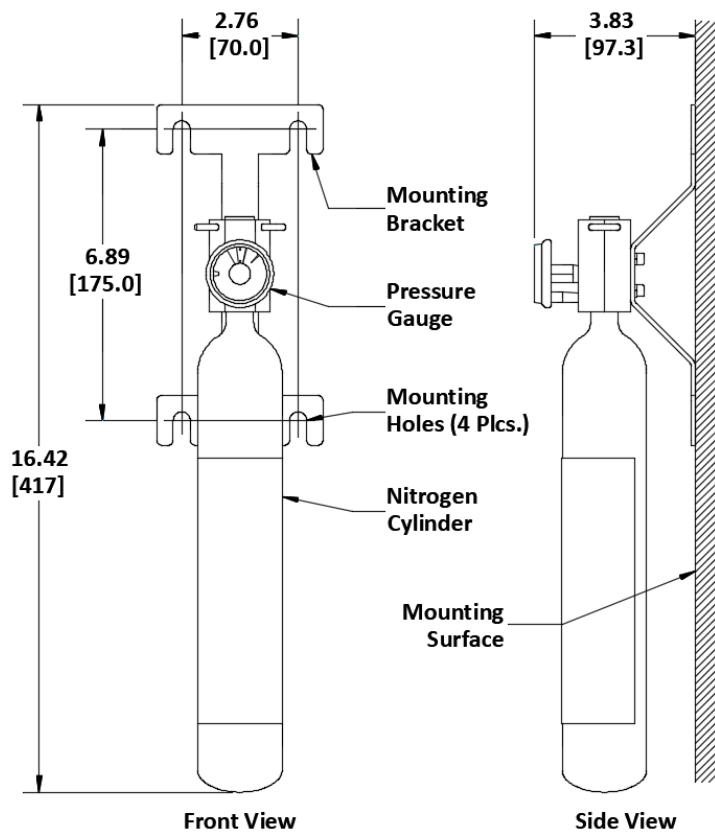
This document is only intended to be a guideline and is not applicable to all situations. Information is subject to Fike's full disclaimer at <http://www.fike.com/disclaimer>.

## Completer Kit Ordering

Completer kits provide the necessary components to activate the Nitrogen Actuator Assembly and to connect it to the respective suppression system release device. Refer to the applicable Completer Kit Data Sheet for detailed information.

Data Sheet	Description
C.1.91.01	ProInert® Completer Kits
C.1.90.01	Clean Agent (Impulse Valve) Completer Kits
E.1.34.01	Carbon Dioxide (CO <sub>2</sub> ) Completer Kits

## Nitrogen Actuator Assembly Dimensions



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