

Technical Data Sheet

Electric Actuator with Supervisory Switch SOL-EA45S

General

The Electric Actuator with Supervisory Switch (SOL-EA45S) is used to activate a clean agent fire suppression system. The purpose of the SOL-EA45S is as a magnetic latch. Additionally, the SOL-EA45S provides supervision of system impairment.

Application

An electrical current operates the SOL-EA45S extending the actuation pin into the vent valve releasing the pressure commencing cylinder discharge. The SOL-EA45S is available in 24 VDC. The SOL-EA45S must be compatible with the signal from the control unit.

Supervisory

Per NFPA 2001 (2015 edition) requirements, a supervisory switch (normally open when installed) is provided. The switch contacts close when the SOL EA-45S is removed.

Features

Firing Current: 0.6 A Maximum

Maximum Monitoring Current: 30 mA

Threaded connection for conduit: 1/2-NPT

Material: Stainless Steel & Brass

Ambient Temperature Range: 0°F – 130°F (-17.8°C – 54.4°C)

Power: 12.0 W

Current: 0.5 A

Lead wire: 18 AWG

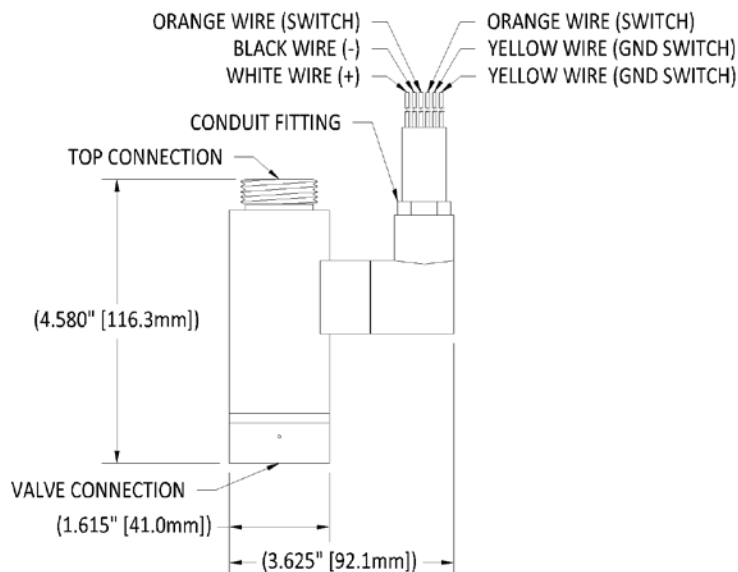
Standards/Listings/Approvals

ANSI/ASME B1.20.1

UL listed component

Installation

The SOL-EA45S must be installed with proper flex metal or liquid tight conduit per applicable building codes with a UL approved conduit fitting. Thread the SOL-EA45S onto the Cylinder Valve Top Plug. Thread the Reset Cap (SC-EA45) or Manual Actuator (MA-3033) onto the Top Connection. Proper installation and maintenance must be in accordance with SEVO Systems Manuals, as well as applicable ISO and NFPA standards.



FOR USE BY ARCHITECTS AND ENGINEERS