

FM-200[®] In-Cabinet

Supervisory Pressure Switch,
P/N XXXXXX

FEATURES

- *UL Listed*
- *CE Marked per PED 97/23/EC*
- *Both Normally Open and Normally Closed Configuration with One Unit*
- *For Use with the Cylinder Assemblies for the Kidde In-Cabinet/Small Enclosure Systems Only*
- *Set Point 125 PSIG; for Use with FM-200 Only*

FEATURES

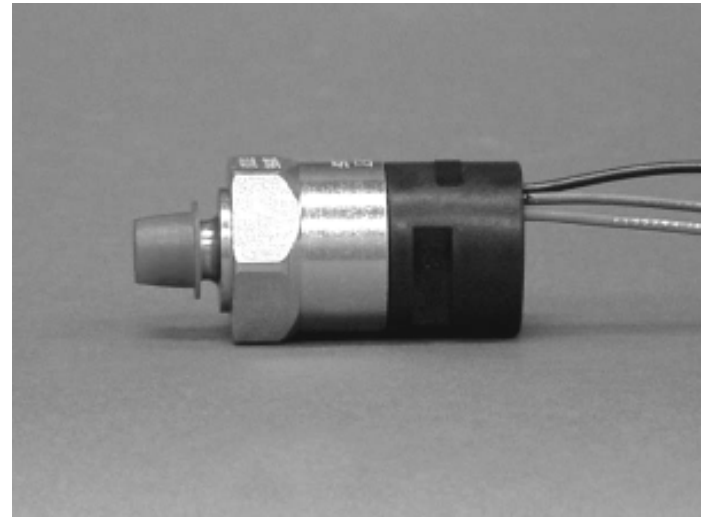
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DESCRIPTION

Kidde Fire Systems agent distribution assembly is Listed by the Underwriters Laboratory, Inc. (UL) and designed specifically for use with the Kidde In-Cabinet/Small Enclosure Systems. The cylinder Supervisory Pressure Switch is intended to detect a fall in pressure in the FM-200 cylinder. The pressure switch can be wired for either normally open or normally closed operation, depending on your installation requirements. This switch can be installed on any of the cylinder assemblies for the Kidde In-Cabinet/Small Enclosure Systems (see datasheet K-93-3000).

OPERATION

When the pressure in the agent cylinder drops from the standard charge pressure of 150 PSIG (10.3 bar) to below 125 PSIG (8.6 Bar), the pressure switch operates. If wired in the NC (open under pressure) configuration, the resulting pressure drop will cause the contacts to close. When connected to a monitored circuit of a suppression control panel, the switching will result in an alarm or trouble condition.



INSTALLATION

The supervisory pressure switch can be installed on a fully charged container, without significant loss of agent or pressure, provided the unit is handled with care and only by trained service personnel.

Simply remove the protective plug from the pressure port on the cylinder valve, apply tape dope or Teflon tape to male connection of pressure switch. Tighten switch to valve assembly and leak check.

WARNING

Disconnect all supply circuits before wiring the supervisory pressure switch. Failure to comply is TBD

SPECIFICATIONS

- Setting 125 PSIG (8.6 bar)
on falling pressure
- Electrical Rating 5 Amps, 250 Vac
- Wire Color Coding
Green = Normally Open
Black = Normally Closed
Red = Common
- Operating
Temperature Range: 32 to 130°F
(0 to 54°C)
- Pressure Connection: XX NPT Male Connector
- Wetted Materials XX
- Lead Length 36 inches +/- 2 inches
- Weight 0.4 lb. (0.15 kg)

ORDERING INFORMATION

Part Number	Description
06-XXXXXX-001	Supervisory Pressure Switch, 125 PSIG (8.6 bar) for In-Cabinet/Small Enclosure Systems Only

SPACE RESERVED

Figure 1. Supervisory Pressure Switch Dimensions

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

