

Kidde Fire Systems HPCO₂ Component Description



Supervisory Pressure Switch, 1350PSI Falling (ATEX)

Effective: November 2023
K-81-5515 Rev AA

FEATURES

- Underwriters' Laboratories Listed - File Number EX923
- FM Approved, Standard 5420
- NFPA 12 Compliant
- 1800-psi Nitrogen Service
- Nominal 1350-psi set point
- Form C Style Switch
- 1/4" internal thread flared inlet

DESCRIPTION

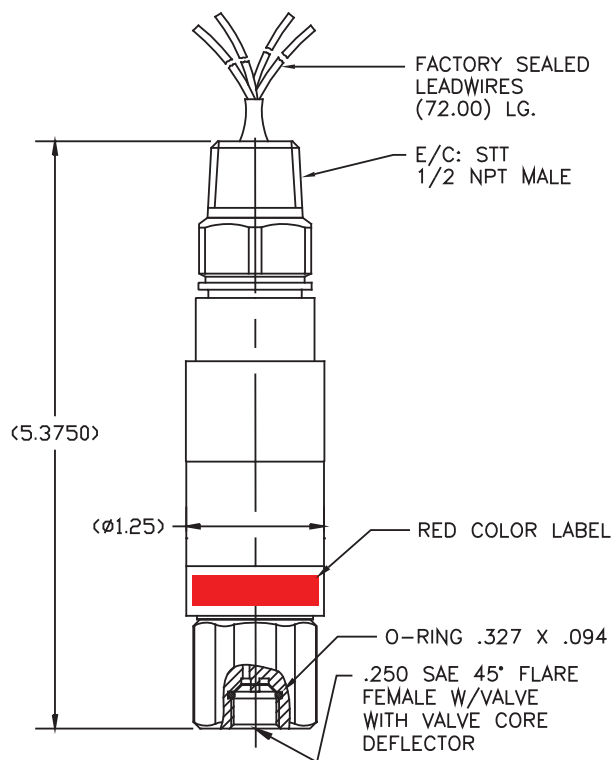
The supervisory pressure switch detects a fall in pressure within a Kidde Fire Systems nitrogen pilot cylinder, when provided as a component within a Kidde Fire Systems High Pressure or Low Pressure Carbon Dioxide Suppression System. The cylinder supervisory pressure switch can be wired for either normally open or normally closed operation, depending on installation requirements. Installers field fit the switch onto the compatible nitrogen pilot cylinder. This switch also provides supervision performance backwards compatibility when replacing a legacy nitrogen pilot cylinder that had been factory fitted with the legacy supervisory switch.

REFERENCED COMPONENTS

Description	Reference Data Sheet
Nitrogen Pilot Cylinder, 108-cuin	K-85-5051
Nitrogen Pilot Cylinder, 1040/2300-cuin	K-85-0201
Legacy Nitrogen Pilot Cylinder, 108-cuin	K-81-5051

ORDERING INFORMATION

Description	Part Number	Color Band
Supervisory Pressure Switch (Form C 1350-psig falling) for N ₂ Cylinders, ATEX Approved	81-111350-100	Red



SPECIFICATIONS

Wire Color	Service	AWG	Length (in.)
Blue	Normally Open	18	72
Red	Normally Closed		
Brown	Common		
Green	Ground		

EXPORT INFORMATION (USA)

Jurisdiction: EAR
Classification: EAR99
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