



Stationary Striker Sensor Assembly

The Exline Stationary Striker Sensor Assembly is used primarily in a thermowell or directly in a surface application, as in a valve flange or packing case.

The sensor is designed to operate in specific areas where it is not practical to utilize the brass Stationary Sensor. The Stationary Striker Sensor Assembly is made of stainless steel to allow positive service in highly corrosive environments. The fuse-metal material is totally isolated from the pneumatic or hydraulic control media to prevent possible contamination.

The Stationary Striker Sensor Assembly contains a temperature sensitive fuse-metal collar which holds a spring-loaded plunger in position. The collar is made of specific quantities of special metal alloys which melt at a predetermined temperature. The vent valve assembly is mounted directly to the sensor and is connected to the control media via tubing.

At the predetermined temperature the fuse-metal collar melts and the spring-loaded plunger is released. The plunger makes contact with the vent valve, creating a pressure drop in the pneumatic control system. This pressure drop can be used to shut down the equipment or sound an alarm.

The fuse-metal collar is the only required replacement when temperature activated and can be economically and quickly replaced at our factory.

Standard Sizes in Stock

Length (L)	Stationary Striker Part No.	*Stationary Striker Assembly Part No.
1.5"	300223	310223
3.0"	300226	310226
4.0"	300228	310228
5.0"	300230	310230

**Assembly includes sensor, vent valve and adaptor.
When ordering vent valve separately, use Part No. 300101;
for the adaptor, Part No. 300396.*

Non-stock sizes available on request. Allow for additional delivery time.

Available Fuse Collar

Melting Temps

117°F	178°F	255°F	361°F	478°F
136°F	198°F	281°F	374°F	
142°F	205°F	291°F	390°F	
150°F	228°F	310°F	408°F	
162°F	243°F	349°F	449°F	

Information on special temperatures available on request.

How to Order

Determine length of sensor and temperature desired. Show part number and temperature.

Example:

4" Stationary Striker Sensor #300228 - 205°

4" Assembly #310228 - 205°

Typical Areas Protected by the Stationary Striker Sensor Assembly

- Thermowell in Header
- Valve Flanges
- Bearing/Housings & Mains
- Pedestal Bearings
- Motor, Pump Casings
- Crosshead Slides
- Heater Treaters and Similar Fired Vessels
- Main Bearings
- Packing Cases

Details of Installation

Insert sensor and tighten to maximum of 10 foot-pounds. Use no sealants on the probe end threads. Connect to control media via tubing and fittings.

