



# Sealed Proximity Switch

## Model SPS-X - Part# 0003XX

Name: SPS Literature  
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 Created By: Ray Garcia  
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- **HIGHLY VISIBLE**
- **STAINLESS STEEL HOUSING**
- **FLUID or GREASE SYSTEMS**
- **LEFT or RIGHT MOUNTING**
- **TOTALLY SEALED**
- **EASY TO INSTALL**
- **ANY SIZE DIVIDER BLOCK SECTION**



### SPECIFICATIONS

Material.....Stainless Steel  
 Temperature Range .....-40 C° to +80 C° Systems  
 Switch Rating.....10 VA /240 VDC  
 Epoxy Encapsulated.....UL LISTED EL-CAST VFR 641

### DESCRIPTION

The SPS (Sealed Proximity Switch) is a totally sealed monitoring device that will accurately monitor fluid or grease lubrication systems. The SPS is manufactured using a custom machined stainless steel housing and a powerful internal magnet assembly built for industrial use. The SPS is easy to install and can be installed on any section on either side of a divider block.

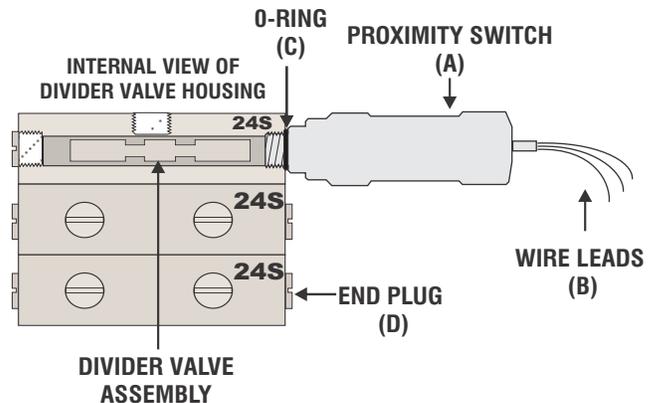
### INSTALLATION PROCEDURE

1. Remove end plug (D) from divider valve where proximity switch will be installed. Proximity switch can be installed on any available divider valve section on either side of divider block.
2. Screw proximity switch (A) into end of divider valve. Torque to 15 foot pounds max. Be sure O-ring or metal gasket (C) is in place on proximity switch if required.
3. Use 10 to 12 inches of flexible conduit on the switch housing for ease of installation/removal or maintenance. All conduit and connections should be appropriate for area classification.
4. To test proximity switch for contact closure, connect ohmmeter to yellow leads and cycle divider valve assembly back and forth. This can be achieved with the compressor running or by manually pumping oil through the divider valve assembly with a hand priming pump.

### RATINGS



**Class I, Div I**  
**Groups A,B,C,D**  
**LR108334-1**



### WIRING

**YELLOW = PROXIMITY SWITCH**  
**GREEN = GROUND**

### ORDERING INFORMATION

MODEL	DESCRIPTION	PART NUMBER
SPS-TO	SEALED PROXIMITY SWITCH TRABON O-RING	000309
SPS-D	SEALED PROXIMITY SWITCH DROPSA	000311
SPS-L	SEALED PROXIMITY SWITCH LINCOLN	000312



Manufactured and Assembled in the USA by:  
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