

Interactive Catalog Replaces Catalog Pages

Honeywell Sensing and Control has replaced the PDF product catalog with the new **Interactive Catalog**. The **Interactive Catalog** is a power search tool that makes it easier to find product information. It includes more installation, application, and technical information than ever before.



**Click this icon to try the new
Interactive Catalog.**

Sensing and Control

Honeywell Inc.

11 West Spring Street

Freeport, Illinois 61032



Pressure Sensors

Heavy Duty DC Adjustable Setpoint, 4-Wire Current Sourcing

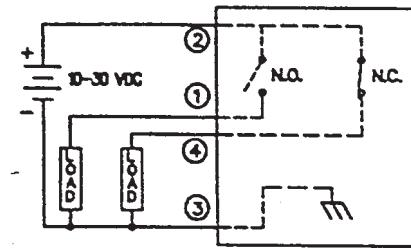
SSPE Series



FEATURES

- Silicon sensor chip is enclosed in stainless steel welded diaphragm
- Rugged diecast zinc plug-in limit switch style housing
- Field Adjustable setpoint and differential
- Sealed to meet NEMA 1, 3, 3R, 4, 6, 6P, 12, 13
- Protected against false pulse, transients and industrial noise
- -25 to $+85^\circ\text{C}$ storage temperature
- 0 to $+50^\circ$ operating and compensated temperature
- UL Listed

WIRING DIAGRAM



SSPE SERIES PERFORMANCE CHARACTERISTICS, 25°C

| | |
|-----------------------------|--|
| Supply Voltage | 10 to 30 VDC |
| Load Current (N.O. & N.C.) | 200 mA Max (sourcing) |
| Leakage current, N.C. state | 10 μA Max |
| Voltage Drop, Max | 1.25V with 200 mA load |
| Response Time, Max | 15 Milliseconds |
| Protection | Power up protection, transients, industrial noise |
| Repeatability (Stability) | $\pm 0.5\%$ of Set Points (@ 25°C) $\pm 3.0\%$ of Set Points (0°C to $+50^\circ\text{C}$) |

ENVIRONMENTAL SPECIFICATIONS

| | |
|---------------------------------------|---|
| Storage Temperature | -25 to $+85^\circ\text{C}$ (-13 to 185°F) |
| Operating and Compensated Temperature | 0° to 50°C (32° to 122°F) |
| Sealing | NEMA 1, 3, 3R, 4, 6, 6P, 12, 13* |
| Media | Limited only to those media which will not attack 316 stainless steel |

* **Application Note:** Enclosures are based, in general, on the broad definitions outlined in NEMA standards. Therefore, it will be necessary for the user to determine that a particular enclosure is adequate when exposed to the specific conditions that might exist in intended applications. Except as might otherwise be noted, all references to products relative to NEMA enclosure types are based on MICRO SWITCH evaluation only.

SSPE SERIES ORDER GUIDE, GAGE PRESSURE

| Catalog Listing | Input Pressure Max. psig | Over-Pressure Max. psi | Adjustable Setpoint Range | Differential Min. |
|-----------------|--------------------------|------------------------|---------------------------|------------------------------|
| SSPE0015V | 15 | 30 | 1.5-15 | 30% @ 1.5 psi, 10% @ F.S. |
| SSPE0100V | 100 | 200 | 10-100 | 10% |
| SSPE0250V | 250 | 500 | 25-250 | 10% |

Mating Receptacle LSZ 4001

SSPE Series has one bicolor Output LED

MOUNTING DIMENSIONS

(for reference only)

