₽RODUCTS ▼

DISTRIBUTOR INVENTORY

■ INDUSTRIES ▼

■ SUPPORT ▼

NEWS & EVENTS ▼

H ABOUTUS ▼

# 78146

Products > Switches > Pressure Switches > Standard Pressure Switches > 5000 Series > 78146

#### Overview

# 5000 Series pressure switch with standard terminal.

These switches sense a change in the pressure, opening or closing an electrical circuit when the designated set point is  ${\sf re}$ 

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## **Technical Specifications**

| Operating<br>Pressure             | 250 psi                                |
|-----------------------------------|--|
| Connector(s)                      | 1/8-27 NPT                             |
| Standard<br>Factory Set<br>Points | 30 psi, 35 psi,<br>40 psi, & 42<br>psi |
| Circuitry                         | NO                                     |
| Proof<br>Pressure                 | 500 psi                                |

| Product Type              | Pressure<br>Switch           |  |
|---------------------------|------------------------------|--|
| Contact<br>Setting Range  | 25 psi to 50<br>psi, ±5 psi  |  |
| Electrical<br>Termination | #8-32 screw                  |  |
| Contact(s)                | Silver alloy,<br>gold plated |  |
| Burst<br>Pressure         | 1250 psi                     |  |

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#### **Documents**

| TITLE   | DOCUMENT<br>TYPE    | LANGUAGE | SIZE  |
|---|---------------------|----------|-------|
| HP, HE, MH, ME, LP, and LE<br>Series Pressure Switches<br>Datasheet | Datasheet           | English  | ЗМВ   |
| Series 5000 Extended Duty<br>Pressure Switch Datasheet              | Datasheet           | English  | 120KB |
| Embedded Products in Hospital Applications                          | Brochure            | English  | 5MB   |
| Honeywell Pressure Switches HP-HE-ME-LP-LE Series Applications      | Application<br>Note | English  | 1MB   |

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## **Product Features**

- Stands up to extended duty applications
- Factory set, capable of field adjustment
- Direct acting blade gold-plated contacts
- No dead band
- Kapton diaphragm for compatibility with a variety of fluids
- Various electrical connections and terminations
- Optional rubber boot

#### **Applications**

- Engine transmission
- Hydraulics and brakes
- Power steering
- Fuel pressure
- ABS brakes
- Cruise control
- Oxygen concentrators
- Dental air
- Embalming equipment
- Generators/compressors
- Pool/spa water pressure

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