PRX-100 Series
Heavy Duty, General Purpose

- Easy to install
- No standby power requirements
- Reliable for over 1 million cycles
- Interchangeable with existing sensors
- Hermetically sealed for longer performance

Specifications

<table>
<thead>
<tr>
<th>Housing Material</th>
<th>Noryl™ (PPC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Temperature</td>
<td>-40°F to +194°F (-20°C to +90°C)</td>
</tr>
<tr>
<td>Pressure</td>
<td>Atmospheric</td>
</tr>
<tr>
<td>Approvals</td>
<td>cULus File # E305671</td>
</tr>
</tbody>
</table>

Typical Applications

- General Purpose
- Household Appliances
- Security systems
- Door interlocks
- Safety interlocks
- Position indication
- Equipment automation

How To Order – Two Steps: Select Switch and Magnet

Step 1: Configure Switch Part Number from options below.

- **PRX-100** - XX - X - X

  - **Series**
    - **PRX-100** - PRX-100 Series

  - **Switch Designation**
    - **010** - 10 VA
    - **020** - 50 VA (100 VA with SPDT option)
    - **100** - 50 VA
    - **180** - 180 VA

  * See Page X-5 for VA information. Contact factory for switch ratings

- **Electrical Output**
  - C - Cable
  - W - Wire

- **Switch Operation**
  - S - SPST (N.O.)
  - D - SPST (N.C.) - Requires Switch Designation "100"

**Example:** PRX-100-020-D-W

Step 2: Select an Actuating Magnet to pair with Switch.

PRX-100 Series actuating magnets are available in both housed assemblies and as bare magnets (See Page K-5).

Configuration

**Type 1 Assembly**

- **Type 2 Assembly**

How to Order

Magnets for the above Proximity Switches are ordered separately. Select by Configuration, Magnet Type and Size.

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Magnet Type</th>
<th>Magnet Size</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>A – Length</td>
<td>B – Diameter</td>
</tr>
<tr>
<td>Type 1 Assembly</td>
<td>Alnico 5</td>
<td>1.5” (38.1 mm)</td>
<td>3/8” (9.5 mm)</td>
</tr>
<tr>
<td></td>
<td>Neo N35H</td>
<td>1.5” (38.1 mm)</td>
<td>3/8” (9.5 mm)</td>
</tr>
<tr>
<td>Type 2 Assembly</td>
<td>Alnico 5</td>
<td>2.5” (63.5 mm)</td>
<td>3/8” (9.5 mm)</td>
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<tr>
<td></td>
<td>Alnico 5</td>
<td>1.5” (38.1 mm)</td>
<td>3/8” (9.5 mm)</td>
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