

PRX-300 Series

Mid Range General Purpose

- Stress relief technology for reed switch protection
- Easy to install
- No standby power requirements
- Reliable for over 1 million cycles
- Interchangeable with existing sensors
- Hermetically sealed for longer performance
- Normally Open (No magnetic field)

The compact size of the PRX-300 series offers a variety of low cost, high performance proximity switches. Constructed out of robust 33% glass filled nylon the PRX-300 series has no standby power requirements and no moving parts. Proximity switches are hermetically sealed for long lasting performance and are easy to install and adjust for a variety of customer applications.

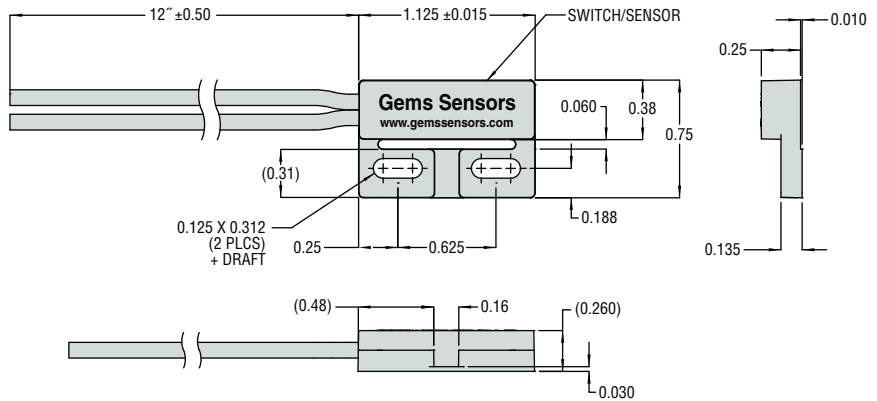
Specifications

Housing Material	Nylon 33% GF
Operating Temperature	32°F to 212°F (0°C to 100°C)
Pressure	Atmospheric
Switch	SPST, N.O.
Voltage, Max.	250 Vdc
Current, Max.	1.0 A
Approval	U.L. Recognized

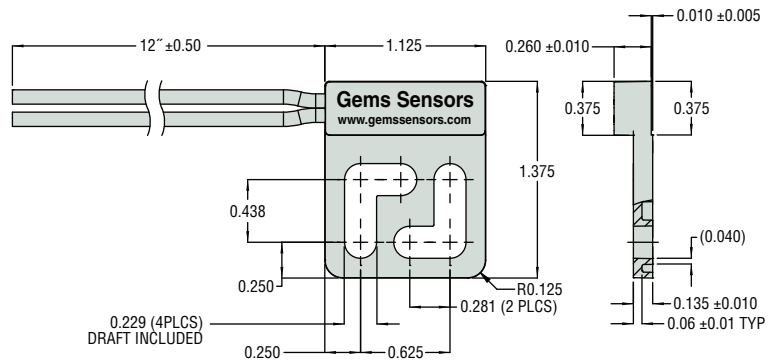
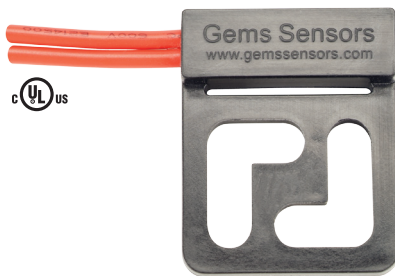
Typical Applications

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

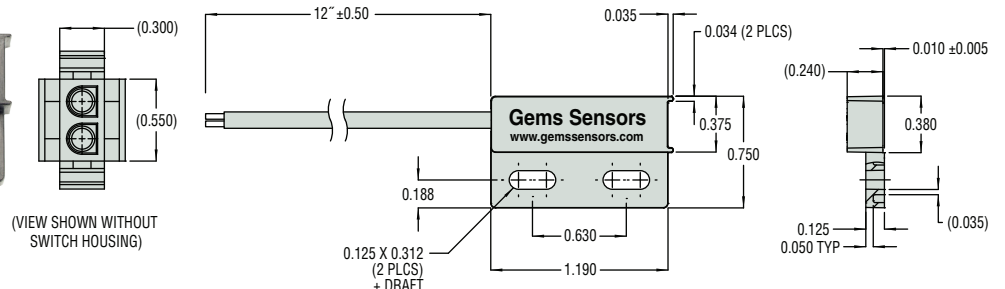
PRX-300



PRX-310



PRX-320



How To Order – Switches

Select by Part Number based on operational requirements.

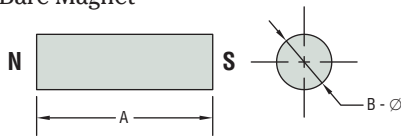
Series	Housing Material	Operating Temperature	Contact Rating	Switch Actuation Distance	Part Number
PRX-300	Nylon 33% GF	32°F to 212°F (0°C to 100°C)	50 VA	0.75 inch (19 mm)	225815
PRX-310	Nylon 33% GF	32°F to 212°F (0°C to 100°C)	50 VA	0.70 inch (17.8 mm)	225820
PRX-320	Nylon 33% GF	32°F to 212°F (0°C to 100°C)	50 VA	0.5 inch (12.7 mm)	225830

Notes:

1. Product options include: Lead length, Activation Magnet and 22 Gage Wire. Please contact Gems for these options.
2. Lead time 2 weeks.

Actuating Magnets

Bare Magnet



How to Order

Magnets for the above Proximity Switches series are ordered separately.

Select by Configuration, Magnet Type and Size.

Configuration	Magnet Type	Magnet Size		Part Number
		A – Length	B – Diameter	
Bare Magnet	Alnico 5	1" (25.4 mm)	3/16" (4.8 mm)	217311
		1.5" (38.1 mm)	3/8" (9.5 mm)	217303
		2.5" (63.5mm)	3/8" (9.5 mm)	217909
		3" (76.2mm)	1/2" (12.7 mm)	220551
	Neo N35H	1" (25.4 mm)	3/16" (4.8 mm)	217304
				217309
		1" (25.4 mm)	3/8" (9.5 mm)	220999
		1.5" (38.1 mm)	3/8" (9.5 mm)	220753