

ACTUATORS	SENSORS
PRX+0100	PRX+0700, 0800, 0900
PRX+1000	PRX+1100, 1200 ² , 1300 ²
PRX+1005	PRX+1500
PRX+1006	PRX+1600
PRX+1007	PRX+1700, 1800, 1900
PRX+4000 ¹	PRX+4100, 4400, 4800
PRX+5000	PRX+5100, 5200 ² , 5300 ²
PRX+6000	PRX+6100, 6200 ² , 6300 ²
PRX+7000	PRX+7100, 7200, 7300
PRX+8100	PRX+8200, 8300, 8500, 8800
PRX+9000	PRX+9100, 9200, 9300, 9125, 9225, 9325, 9150, 9250, 9350

Actuators

Actuators are magnets placed in a housing to match the proximity sensor. Customers often pair our actuators with our proximity sensors for a matching, magnetic sensor package. Also, many of the actuator housings provide a way to mount the magnet onto a surface. Need a custom housing for your magnets? No problem! Our engineers can help you develop an actuator to complete your sensing package.

Notes

1. The actuator for our Steel Sensing Proximity Sensors is a steel (ferrous metal) target.
 2. These products are Form B & C versions of the PRX+1100, 5100 and 6100. Visit our website for more information on these products.
- * Most housings can be modified to meet customer requirements. Contact Hermetic for more info.

Permanent Magnets

In applications where the reed switch signals relative motion, permanent magnets are used to provide the operating magnetic field. Six sizes of ALNICO 5 magnets, one Rare Earth (NEO 27) magnet and one ceramic magnet are stocked. Hermetic Switch can assist with obtaining other sizes and types if necessary.

Notes

1. Consult factory for details of test procedures, tolerances and magnet handling precautions.

Part No.	LENGTH	WIDTH	HEIGHT	GAUSS ¹	MAGNET MATERIAL
M-01	.500+/- .010 in (12.7 mm)	.062+/- .005 in (1.6 mm)	.062+/- .005 in (1.6 mm)	400	Cast Alnico 5
M-02	.750+/- .015 in (19.0 mm)	.125+/- .005 in (3.2 mm)	.125+/- .005 in (3.2 mm)	400	Cast Alnico 5
M-03	.975+/- .030 in (24.8 mm)	.180+/- .007 in (4.6 mm)	.180+/- .007 in (4.6 mm)	950	Cast Alnico 5
M-04	1.00+/- .030 in (25.4 mm)	.250+/- .015 in (6.4 mm)	.250+/- .015 in (6.4 mm)	1000	Cast Alnico 5
M-05	1.40+/- .020 in (35.6 mm)	.250 Dia+/- .010 in (6.3 mm)	Cylinder	780	Cast Alnico 5
M-06	.410+/- .005 in (10.2 mm)	.100 Dia+/- .005 in (2.5 mm)	Cylinder	725	Cast Alnico 5
M-08	.200+/- .005 in (5.1 mm)	.250 Dia+/- .005 in (6.4 mm)	Cylinder	1100	NEO27
M-16	.375+/- .010 in (9.5 mm)	.150+/- .010 in (3.8 mm)	.375+/- .010 in (9.5 mm)	570	CERAMIC VIII

