

CHERRY Sensor Products

MP1013 Series



- South Pole Sensitive 3-wire output
- Hall sensor technology
- Snap in housing

Standard Part Number Example:

- MP101301

MP1014 Series



- Unipolar switch and Bipolar latch versions
- Hall sensor technology
- Low profile flange mount housing

Standard Part Number Example:

- MP101401

VN1015 Series



- Digital vane sensor
- Wire or pin version
- Versions rated up to 125C

Standard Part Number Examples:

- VN101501
- VN101503

Actuator Magnet



- AS101001 South Pole Alnico magnet
- AS101002 North Pole Alnico magnet
- AS101003 South Pole Samarium Cobalt Magnet

Standard Part Number Example:

- AS101001

MP2007 Series



- Reed based sensor in aluminum threaded housing
- Zero power consumption
- Suitable for AC and DC loads

Standard Part Number Examples:

- MP200701, MP200702, MP200703

MP2017 Series



- Reed based sensor in smooth plastic housing
- Suitable for AC and DC loads
- Matching magnet – AS201701

Standard Part Number Examples:

- MP201701, MP201702, MP201703

MP2018 / MP2019 Series



- Reed based sensor in plastic flange mount housing
- Suitable for AC and DC loads
- Matching magnets available (AS201801 and AS201901)

Standard Part Number Examples:

- MP201801, MP201802
- MP201901, MP201902, MP201903

MP1005 / MP1007 Series



- Hall sensor technology in aluminum housing
- Meets IP67 for dust and water
- MP100701 in 1" aluminum housing

Standard Part Number Example:

- MP100701

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CHERRY Sensor Products

GS101205



- Flange Mount Hall Effect Geartooth Sensor
- Sealed design meets IP67
- Near zero speed sensing

Standard Part Number Example:

- GS101205

SD1002 – SD1012 Series



- **SD100203** Speed & Direction Hall Effect Sensor in Aluminum Threaded Housing
- **SD101201** Speed & Direction Hall Effect Sensor in Plastic Flange Mount Hsg
- Designed to meet IP67
- Near zero speed sensing

Standard Part Number Example:

- SD101201

GS102301



- Speed sensor in plastic threaded housing
- Sealed design meets IP68
- Rated to 140°C

Standard Part Number Examples:

- GS102301

AN1 Series



- Angular Position Sensor with up to 100 degrees of electrical rotation
- Magnet integral to sensor package
- Sealed design meets IP67

Standard Part Number Example:

- AN101101

GS101001



- Hall Technology Geartooth Sensor in Stainless Steel threaded housing
- Near zero speed sensing
- Available w/ wire or integral connector

Standard Part Number Examples:

- GS100101, GS100102

AN8 Series



- Angular Position Sensor with 360 degree rotation
- Wire and integral connector versions
- Performs best with AS500106 magnet carrier (kits avail. through distributor)
- Sealed design meets IP67

Standard Part Number Examples:

- CU103601, CU103602, CU103603
- AN820001, AN820002,
- AN820031, AN820032

SD501201



- Dual Output Hall Effect Sensor
- Rated to 125°C
- Sealed design meets IP67

AN9 Series w/ Magnet Carrier



- Dual Output Angular Position Sensor with 360 degree rotation
- Wire version
- Performs best with AS500106 magnet carrier
- Sealed design meets IP67

Standard Part Number Examples

- AN920031, AN920032, AN920036:

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