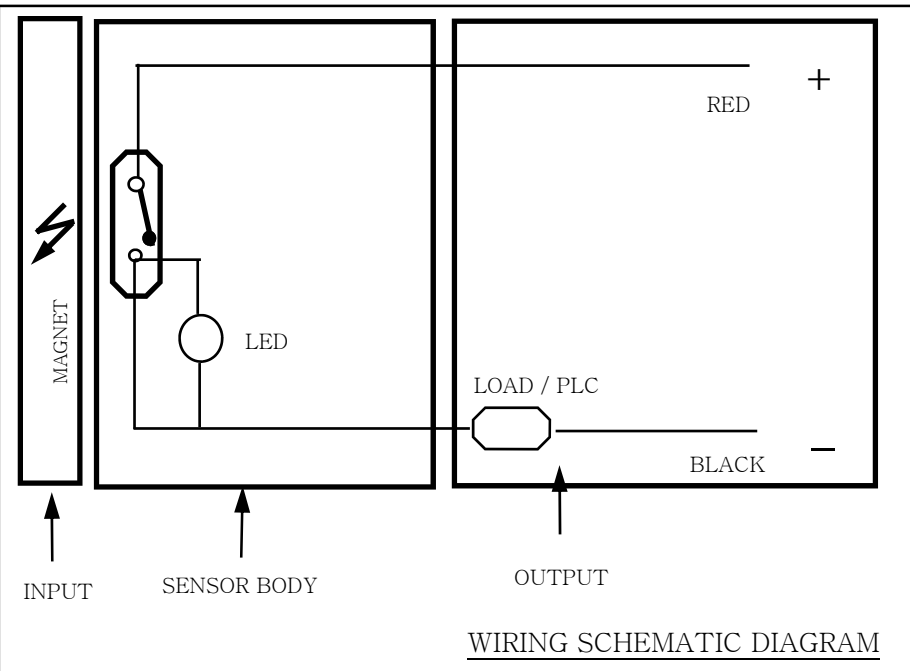
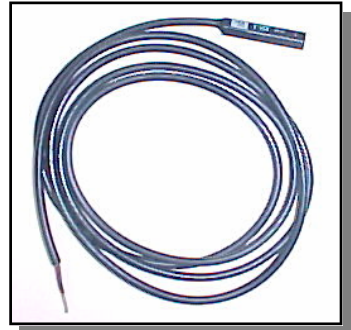


# XR-1 SERIES

## Surface Mount Magnetic Reed Sensors for Gripper

### HY-XR-1 : \$ 29.00

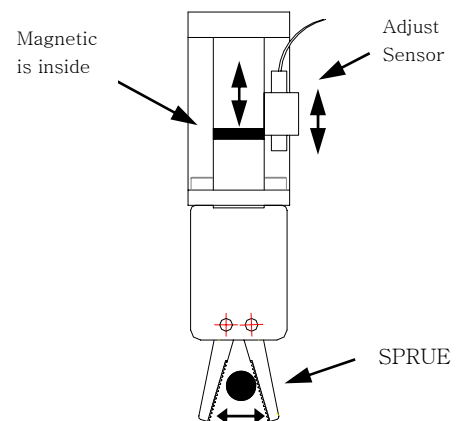
The XR-1 sensor is a magnetically operated Reed Proximity switches for Gripper of Robot. No External Cams or other mechanical actuating devices are necessary. The Position of the magnetic piston in the cylinder can be sensed by means of a proximity reed sensor.



Part Number	H Y-XR-1
Switching Config.	NORMALY OPEN
Operational Voltage	DC 24 VOLT MAX
Current ( mA )	5 ~ 15 m A
Maximum Contact Rating	1.5 Watts
Temperature Range	-10 F to 125 F
Switching Speed	1 ms operate and release

### Installation Tips

1. Current & Voltage demands of the load must NOT exceed the current & Voltage ratings of the switch. Failure to use proper load will damage the sensor.
2. Two wire versions can not be connected directly across the power supply without a series load.
3. Always keep the area around the switch clean and free from potentially magnetic debris. Stray magnetism can give unwanted switch actuation or change the switch point.
4. The switch LED always depicts that the switch is closed.



### Installation Guide when using the sensor to the TOP GRIPPER

1. Make sure the wiring is in correct. ( + to Red color Wire , - to load and to Black wire. )
2. Supply the power ( 24 VDC ) to the sensor.
3. Locate a sprue or product that will be gripped.
4. Grip the sprue or product by hand
5. Adjust sensor position until LED is ON when the sprue or product is gripped and LED is OFF when the gripper is released.