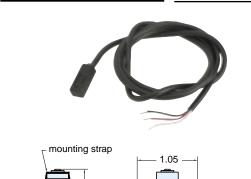
### Position Sensors



## HS-9901

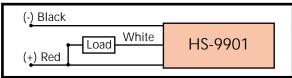
#### **Hall Effect Sensors**



approximate sensing point

Output type	Sinking (open collector output)
Input voltage (Vin)	5 to 28 VDC
Operation temp.	0 to 185°F
Input current (lin)	25 mA maximum
Output voltage drop	.4 VDC maximum
Output current (lout)	lout = .3 Vin, 300 mA maximum
Power dissipation	300 mW maximum
Lead Wire	22 ga. x 4 ft. also avail. in 12 ft. length HS-9901-12
Circuit protection	Reverse polarity protected, transient voltage protected and false pulse protected.

### Hall Effect Wiring Diagram



RS-

0.695

#### Magnetic Reed Switch

0.35

RS-101L • RS-105L • RS-2500

wire lead

#### Circuit Diagram







0.35 wire lead	mounting strap	
sensing point	0.35 wire lead 0.40	

Part Number	RS-101L	RS-105L	RS-2500		
Output Type	Sinking	Sourcing	Simple Switch		
Power Range	10w		25w		
Supply Voltage	3 to 36 VAC or VDC		220 VAC or VDC		
Current Range	1.0 A max.				
LED	Provided	Provided	Not Provided		
Lead Wire	22 ga. x 4 ft.				
Operating Temp.	0 to 300°				
Rated Life	10,000,000 cycles				
Housing	molded plastic				
Response Time	1 mSec				
Switching Logic	SPST normally open				
RS-101L & RS-105L RS-101L, RS-105L & RS-2500					

RS-105L pictured

SC-08

• SC-12

• SC-14 • SC-17

RS-101L, RS-105L & RS-2500

• SC-20

# **Universal Clamps**

• SC-10 SC-24 • SC-28 • SC48 • SC-32 • SC-40



Clippard's stainless steel clamps are designed to be used with the Hall Effect and the reed switch. All clamps should be ordered based upon the size of the cylinder on which it will be mounted. The part numbers show the bore size using the numerical code. Each clamp is 0.375 wide stainless steel, and is equipped with a locking screw with #5-40 threads.