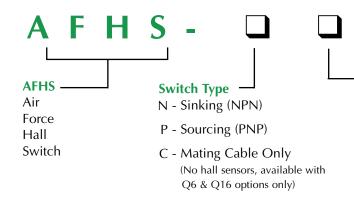


### **AFO COMPACT CYLINDER HALL SENSORS**



# AIR FORCE ONE® HALL SENSORS NUMBERING SYSTEM



#### Connection

- 4 4' Wire Lead
- 12 12' Wire Lead
- Q 8 mm dia. 3-Pin Quick Connect
- Q6 8 mm dia. 3-Pin Quick Connect with 6' mating cable
- Q16 8 mm dia. 3-Pin Quick Connect with 16' mating cable

# **MAGNETIC PISTONS**

### **Additional Length Required for Magnetic Piston**

Add 0.875 to all bore sizes and mounting styles to accommodate the magnetic piston. Low friction U-Cup style piston seals are standard on all magnetic pistons. A minimum stroke of 3/8" is required for effective use of GMR sensors.

#### **Magnetic Piston**

A specialized magnet is attached to the piston that will actuate the Clippard GMR sensors. This allows one or more of these dependable electronic sensor/switches to accurately determine the position of the cylinder rod. To order cylinders with magnetic pistons, specify model numbers that end with -M. GMR sensors must be ordered separately.

**Sinking NPN** 

### **ELECTRICAL SPECIFICATIONS**

Output Type:	Sinking or Sourcing
Input Voltage:	6 to 28 VDC
Input Current:(no load)	15 mA maximum
Voltage Drop:	0.5 VDC maximum
Output Current:	300 mA maximum
Switching Power:	7.2 Watts maximum
Circuit Protection:	Reverse Polarity Protected Transient Voltage Protected
Temperature Range:	0 -175° F
LED Indicator	

### **Sourcing PNP**

