



P5-11 Proximity Sensor

The Monarch P5-11 (P/N 6180-013) is a two wire probe style inductive sensor for use up to 0.2 inches (5 mm) from a 0.5 inch (12 mm) metallic target such as a bolt head or shaft locking key.

Common usage: Permanent installation in harsh industrial environments. Namur (DIN 19234) proximity switches are electronic sensors whose absorbed current varies in the presence of metallic objects.

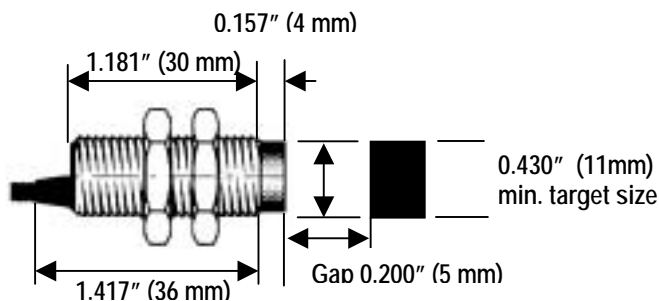


SPECIFICATIONS

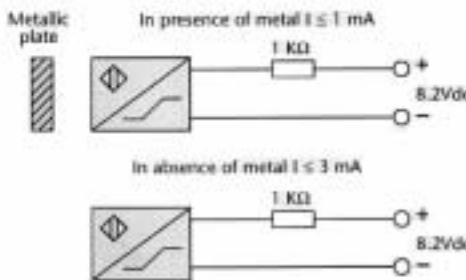
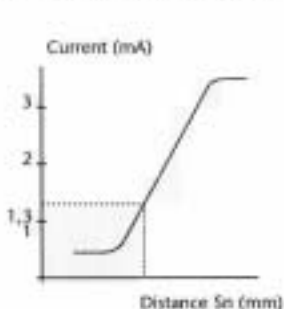
Operating Distance	0.2" (5 mm) from 0.5" (12 mm) metallic target
Speed Range	1-100,000 RPM
Operating Temperature	-13 to 158°F (-25 to 70°C)
Power requirements	5.0 to 30 Vdc, 3 mA
Output Signal	Namur (DIN 19234)
Standard Cable	6.56 feet (2.0 m) with tinned wires
Housing	Nickel-Brass IP67
Weight	0.7 oz (20 grams)

DIMENSIONS

Thread M14 x 1



WORKING PRINCIPLE



The NAMUR sensors are electronic devices whose absorbed current varies in the presence of a metallic object. The difference between these sensors and traditional sensors is the absence of amplifier trigger stages.

Note 1: In applications outside security conditions the sensors can be used in the 5-30Vdc range.