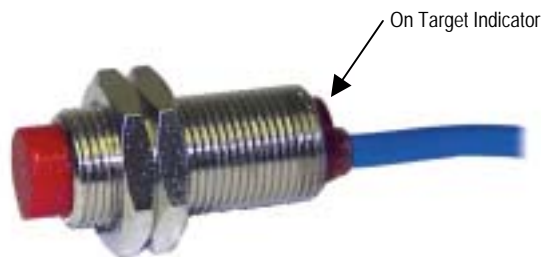


**MONARCH INSTRUMENT***Innovation in Instrumentation*

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.

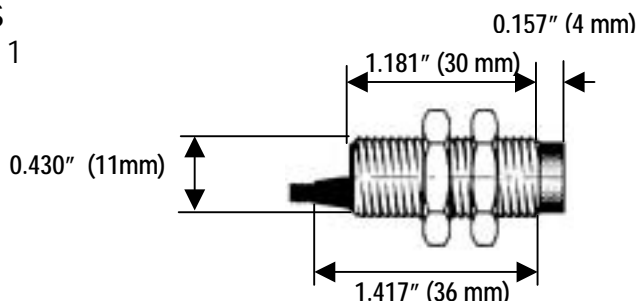
**CE**

SPECIFICATIONS

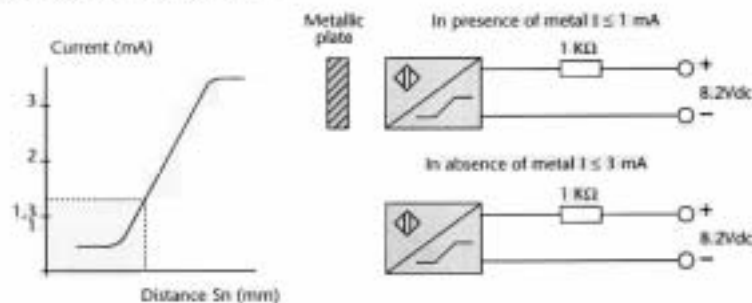
Operating Distance	0.2" (5 mm) from 0.5" (12 mm) metallic target
Speed Range	1-100,000 RPM
Operating Temperature	-13 to 158°F (-25 to 70°C)
Power requirements	5.0 to 30 Vdc, 3 mA
Output Signal	Namur (DIN 19234)
Standard Cable	6.56 feet (2.0 m) with tinned wires
Housing	Nickel-Brass IP67
Weight	0.7 oz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

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.