

IRS
Infrared Sensor



IRS (Infrared Sensor): Ideal sensor for working up to 0.5" (12mm) from high speed equipment or other applications providing only contrasting light and dark surfaces or beam interruption by solid objects as small as 0.30" (1mm).

Common usage: Dentist and other high speed drills, slots or gear teeth. Does not require reflective tape. Use black/white contrasting colors.

Ordering Information

Item	Description	Part No.
IRS-P	Sensor with 8 ft. cable with 1/8" phone plug connector and mounting bracket	6180-020
IRS-W	Sensor with 8 ft. cable with tinned lead and mounting bracket	6180-021

Specifications

Operating Distance:	0.5" (12mm)
Speed Range:	1-999,990 RPM
Operating Temperature:	-40° to 185°F (-40° to 85°C)
Power Input:	3.3 to 15Vdc, 40mA
Output Signal:	TTL same as source
Standard Cable:	8 feet (2.4m)
Dimensions:	2.9" (L) x 0.625" diameter (73 x 16mm)

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