



MT-190 (Magnetic Sensor with Amplifier): Extends operating gap to 0.25 inches (6.35mm) from the target. Frequently used on gears as the M-190, but can also sense bolt heads or shaft keys and provides a TTL output signal that is equal to the source voltage.

Common usage: Ferrous metals including bolt heads or shaft keys for on-line systems.

Ordering Information

Item	Description	Part No.
MT-190W	Sensor with 8 ft. cable with tinned leads/Amplifier with tinned leads	6180-037
MT-190P	Sensor with 8 ft. cable with tinned leads/Amplifier with phone plug connector	6180-036

Specifications

Operating Distance:	0.25" (6.35mm) gap with 0.1" target (2.5mm) min.
Speed Range:	1-99,999 RPM
Operating Temperature:	-100° to 225°F (-73° to 107°C)
Power Input:	3.3 to 24Vdc, 15mA
Output Signal:	TTL same as source
Standard Cable:	8 feet (2.4m)
Dimensions:	2.0" (L) x 0.625 diameter (50 x 16mm)

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