



Actuator Assembly

The Actuator Unit is the key system component. It connects to the gear linkage, effectively replacing your foot for both up and down shifts. The unit is extremely powerful and robust; there is only one moving part for absolute reliability. This unit has been developed to cope with the most demanding gearboxes including Harley Davidson and Moto Guzzi. On the majority of sports bikes the speed of the gear change is extremely fast - we have had interrupt times as low as 35 milliseconds when using the optional ignition interrupt! This is clearly an advantage for competitive use, where the cumulative advantage from the hundreds of changes during a race could be decisive.

Improvements over earlier versions include extra power, faster response, lower current drain, waterproofing, improved finish and choice of connections.

Dimensions & Electrical Specifications

Weight: 1.5Kg/3.3Lbs

Body Length: 150mm/6"

Diameter: 50mm / 2"

Connecting Rod: Diameter-6mm/.236" Extended - 80mm/3.14" Retracted - 30mm/1.18"

Power Consumption Amps – Standard: 35A / High Power: 48A