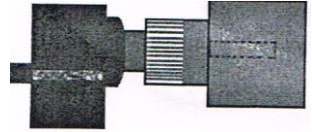


RED
BLACK
WHITE or YELLOW



Instructions for EMP46 1, 2 & 3 Hall Effect Speed Sensor

Caution: Disconnect the negative battery cable prior to any installation

EMP46-1 & 2 are designed to locate and fix in place of the old mechanical speedo cable. They both have 2 female nuts connected together.

One is M12 x 1.5 & the other M22 x 1.5

The EMP 46-1 is either 3.2mm Square or 3.8mm. The EMP46-2 is 3.2mm
EMP48-1 has a ½ x 26BSC thread commonly used on Norton Wheeldrives

Red is the voltage supply required by the sender.

This should be connected to the Pink wire on a Smiths Mini Speedo.

With Smiths Motorcycle, Proled or Classic Speedometer's an external 12v-5v reducing circuit must be used.

Black is ground

should connected to black wire on the Speedometer and then to ground.

Yellow or White is the signal output from the sensor.

It should be connected to the WHITE/BLACK on the Mini,
Classic, Proled or Motorcycle Speedometer Harness.

The Sensor is 1 pulse per revolution

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Products designed and manufactured under ISO

9001:2008 quality standard.