

SPEEDOMETER 3 PHASE



SPEEDOMETER 3-PHASE:

Speedometer is commissioned to monitor the speed and corresponding energy parameters of the locomotive. For 3 Phase and Conventional Locomotives 2 Cabs are having one Speedometer each among which one is Master and the other is Slave Unit.

There are mainly two types i) for Non AC Coaches ii) for AC Coaches.

Viewing speed of the vehicle helps us in calculating the time required to reach destination. It may be required to increase the speed to make up for the unforeseen delay. Type of parameters display in both Recorder and Indicator Unit installed on different driver cabs. It Stores processed data in internal flash and external memory as well as stores system related faults and events. Data can be extracted through pen drive and stored in pc. There is exclusive software for analysis of stored data in front end to monitor the performance of LOCO as well as driver.

Supply voltage is 50 \pm 1/2 150 Vdc, Total power consumption 20W@ 110 Vdc, time Display is 24 hours format and Odometer Range is 7 digit (9999999 kms).

The construction is mechanically robust so as to assure permanence in all mechanical, electrical, electronic or magnetic adjustments when used in accordance with user's recommendations. The equipment being a safety item is designed for high degree of reliability.

APPLICATION AREA:

Speedometer is an essential device and an integral part of all types of Railway Engines. The prospective customers of the product are Locomotive Manufacturers- i) CLW Chittaranjan, ii) CLW Dankuni, iii) Madhepura Loco Factor, iv) DLW Banaras.