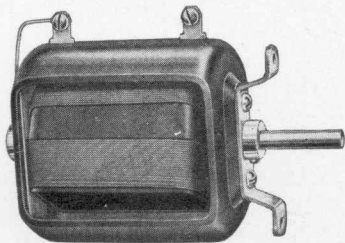


DESCRIPTION AND DIRECTIONS FOR USE OF TYPE 269 VARIOMETER



BOTH rotor and stator of the TYPE 269 Variometer have been brought out to separate terminals so that it may be used as a variocoupler or as a variometer with windings connected either in series or in parallel. The stator terminals are molded in the bakelite casing and are shown projecting from its upper edge in the accompanying illustration. The rotor terminals are located on the bearings for the shafts. Connections to the front bearing are to be made by means of an extra nut on one of the mounting screws.

The following gives the approximate values of the mutual inductance and of the self inductance of each winding from which an estimate of the inductance resulting from any given method of connection can be made:

Stator inductance	240 microhenrys
Rotor inductance	220 “
Mutual inductance	180 “
Inductance of unit, as connected	100-820 “

GENERAL RADIO COMPANY CAMBRIDGE A, MASSACHUSETTS