

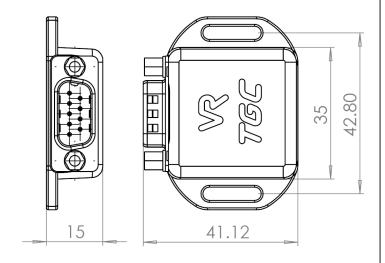


tachometer-generator converter

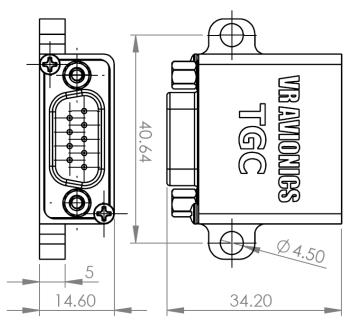
Introducing the TGC

The TGC converts output signals from up to two independent tachometer-generators into digital zero-to-five-volt levels for the Garmin G3X (and other EFIS systems). Tachometer-generators are used on gas-turbine engines to measure various speeds like N1 and N2. The TGC have been produced in two hardware versions employing the same 9-pin DSUB connector and pinout / connection.

Dimensions Version1



Dimensions Version2





Specifications

PROPERTY	VALUE
Weight	25 gram
Operational voltage	7 - 36 VDC
Temperature range	-55 - +85 °C
Maximum operating altitude	55,000 feet
Input frequency range	0 - 40 KHz
Input voltage range	0.1 - 150 Vpp
Output current	± 20 mA

Pinout / Connection

