

"Merger" Installation Diagram

Software Version M1.0

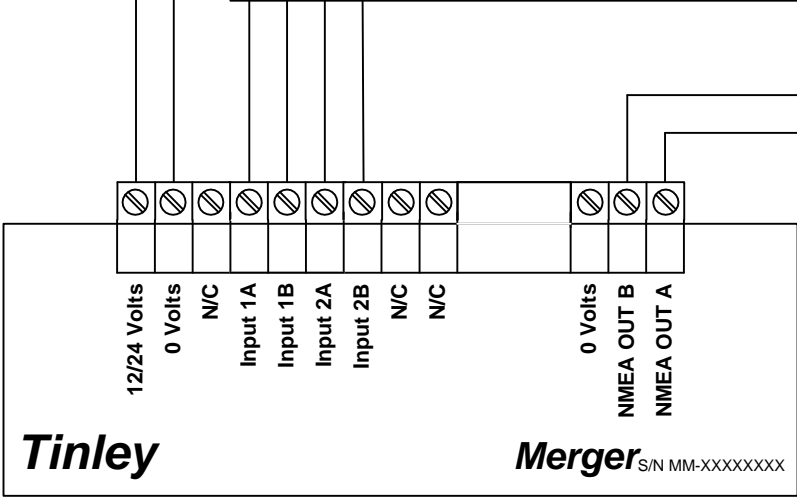
Power supply:
12/24 Volts nominal
9-32 Volts < 150mA
Protect input with 250mA fuse

Inputs are in electrical accordance with NMEA 0183 versions 1.5, 2.X and 3.X (EIA-422-A).
7mA@4V
All valid sentences received in accordance with NMEA 1.5, 2.X and 3.X will be passed with equal priority on either input. Any sentences with a checksum will be verified.

Output is in electrical accordance with NMEA 0183 versions 1.5, 2.X and 3.X (EIA-422-A). Max +/-60mA.
Output sentences are identical to any valid input sentences, plus the following proprietary error messages may be present for diagnostic purposes:

\$PTIN,c...c*hh

Note: Some interfaces that are not compliant with NMEA 0183 or EIA-422, (PC's for example), can cause a conflict with this output. This results in excessive current drawn and corruption of data. If this happens connect 'Output A' as the output signal and use '0 Volts' as signal ground. Do not connect NMEA Output B to 0V or ships ground.



Compass safe distance: 200mm

A=Signal
B=Return