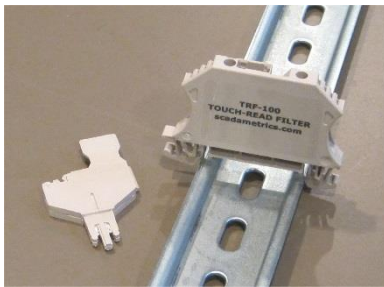


Application Note 010
Version 001
19 Feb 2010

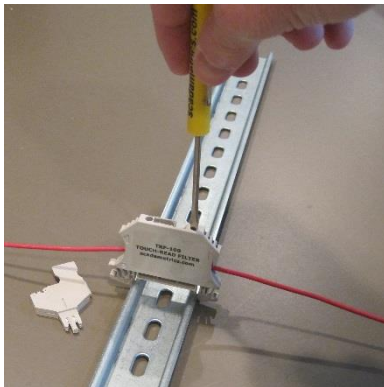
Touch-Read Filter (TRF-D) Wiring Procedures.

The TRF-D is used to allow a meter to be concurrently connected to both a Touch-Read device and a “3-wire” meter-reading device. Examples of a 3-wire meter-reading device include the EtherMeter plus many 3rd-party AMR radio-read devices.

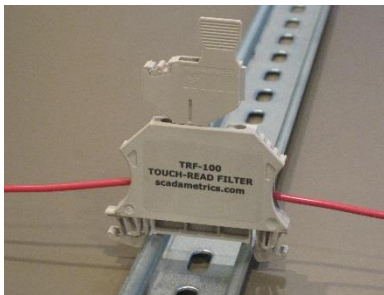
This document details the wiring procedures for the TRF-D “Touch-Read Filter”.



1. Remove the Plug-In Filter from the Din-Rail Base of the TRF-D, and set it aside.



2. Locate the red wire that is attached to the touch-read pad.
3. Cut the wire at the desired filter location, and strip away 0.25 inch of insulation from each end of the wire, exposing 0.25 inch of inner conductor.
4. Insert the stripped end of each wire into the two (2) terminal slots of the TRF-D's Din-Rail Base.
5. Using a SCADAmetrics screwdriver, tighten both screws. The wires should be held firmly in place.



6. Re-insert the Plug-In Filter into the Din-Rail Base.
7. Ensure that the Plug-In Filter is fully inserted. When properly inserted, the Plug-In Filter should ‘snap’ into place.

ETHERMETER-100
 PATENT PENDING
 MAC ID:
 00-1D-C8-nn-nn-nn

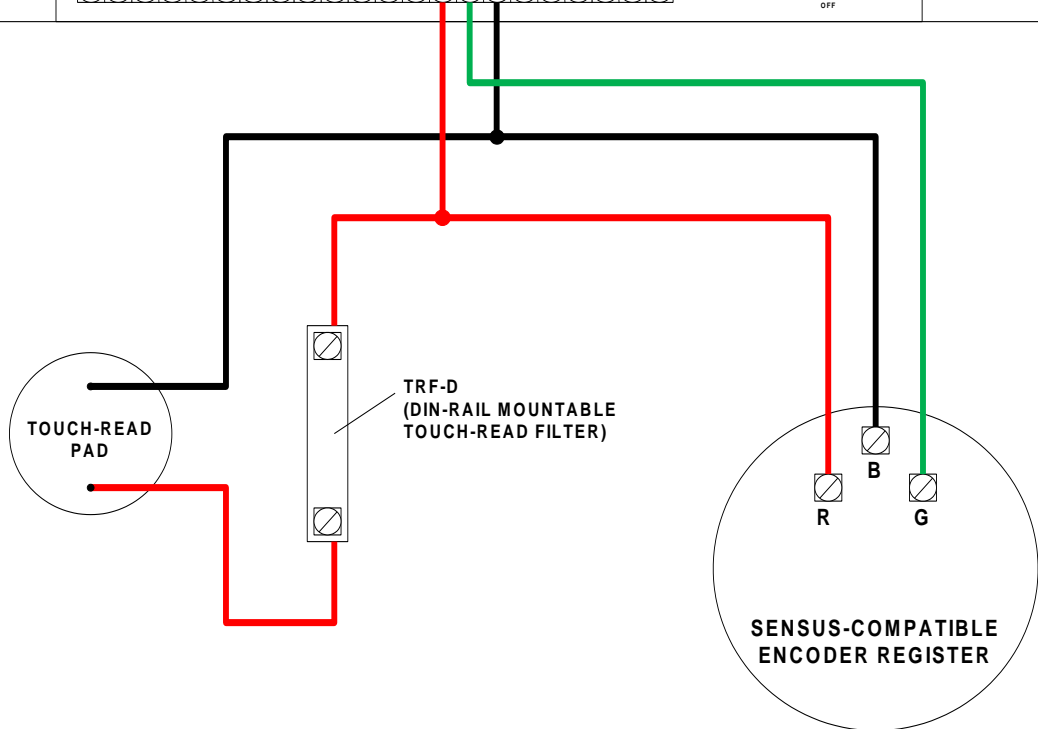
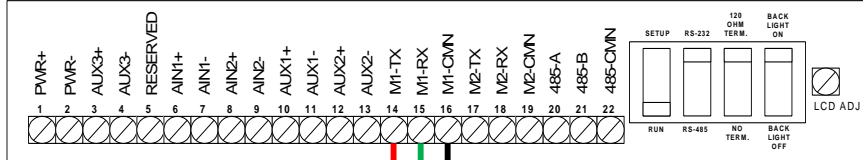
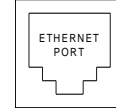
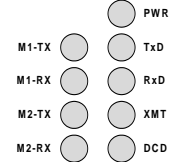
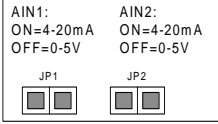
FLASH PROGRAMMING HEADER
 (INTERNAL)



LCD DISPLAY

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(INTERNAL)



**PARALLEL TOUCH-READ HOOKUP FOR
 SENSUS-COMPATIBLE FLOW METER REGISTERS**

ETHERMETER-100
 PATENT PENDING
 MAC ID:
 00-1D-C8-nn-nn-nn

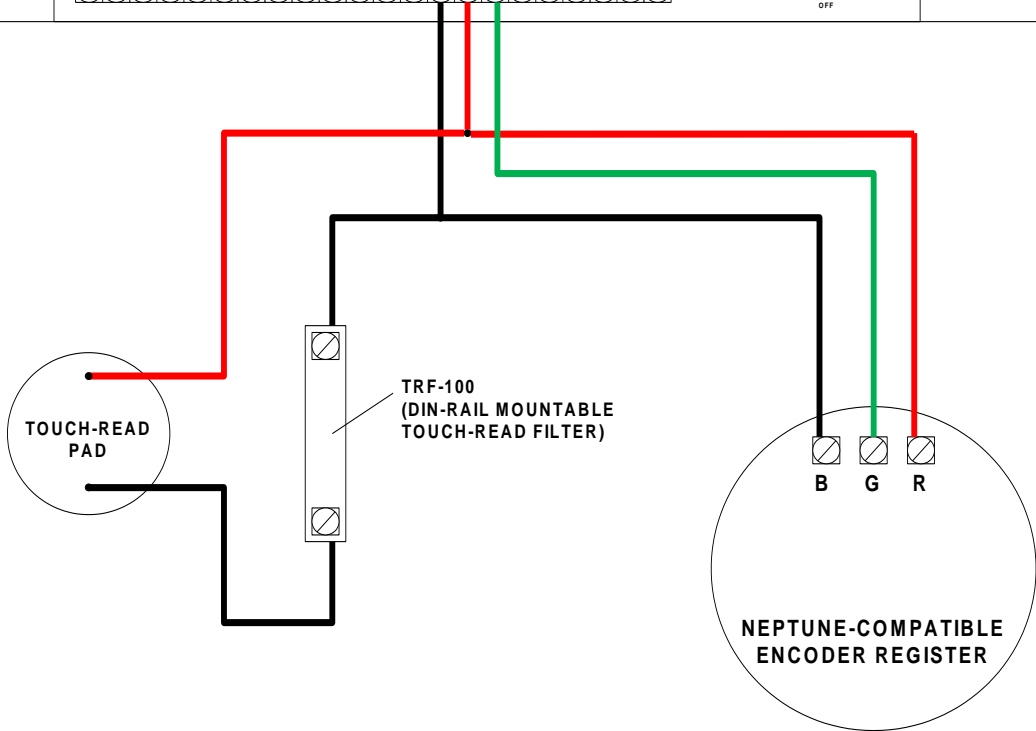
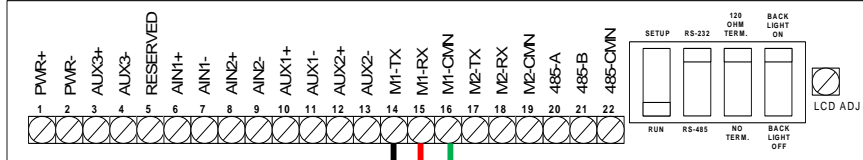
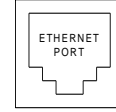
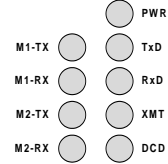
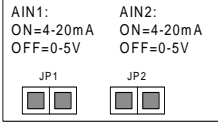
FLASH PROGRAMMING HEADER
 (INTERNAL)



LCD DISPLAY

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(INTERNAL)



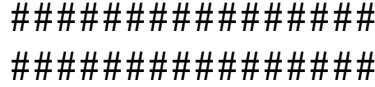
PARALLEL TOUCH-READ HOOKUP FOR NEPTUNE-COMPATIBLE FLOW METER REGISTERS

ETHERMETER-100
 PATENT PENDING
 MAC ID:
 00-1D-C8-nn-nn-nn

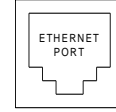
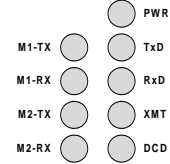
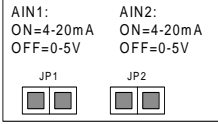
FLASH PROGRAMMING HEADER
 (INTERNAL)



LCD DISPLAY



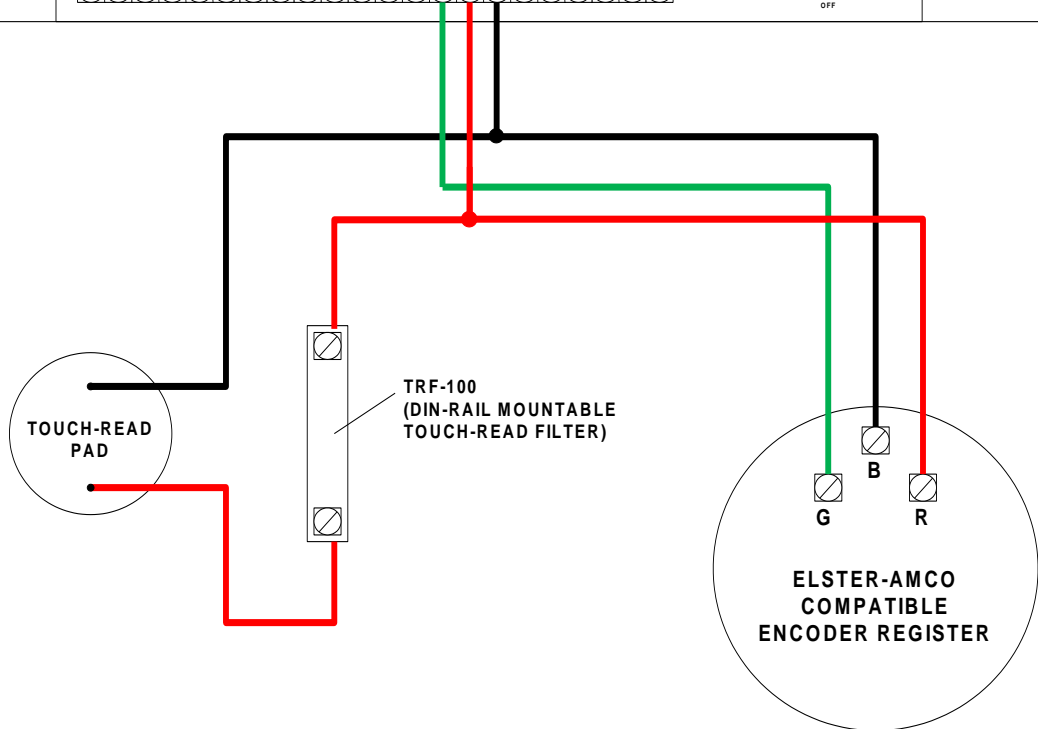
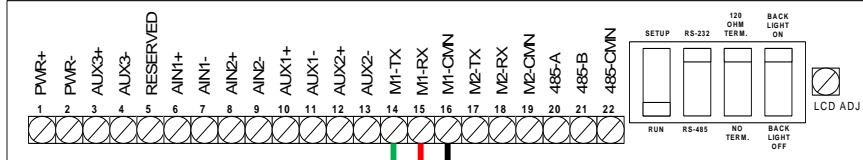
(INTERNAL)



ETHERNET



SERIAL



**PARALLEL TOUCH-READ HOOKUP FOR
 ELSTER/AMCO/ABB/KENT-COMPATIBLE FLOW METER REGISTERS**