



# HART 4 Devices

## Quick Start Guide

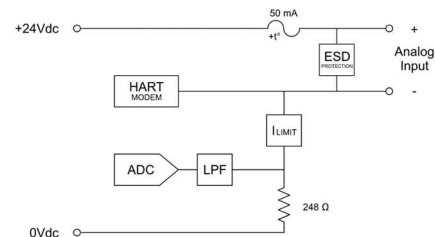
### A-HRT-4I / A-HRT-4O

## REQUIRED SOFTWARE

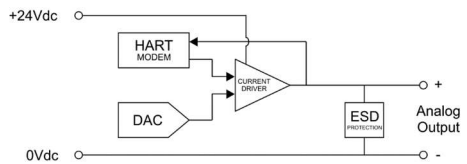
The HART 4In/Out module requires Aparian Slate software to setup and configure. The software installation can be found at [www.aparian.com/software/slate](http://www.aparian.com/software/slate).

## MODULE INSTALLATION

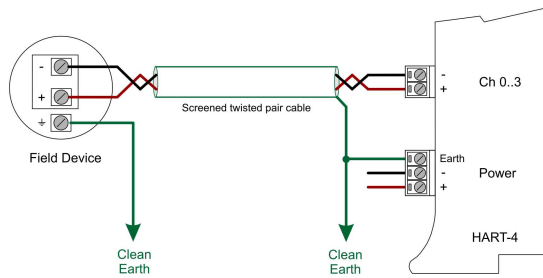
The HART 4In/Out requires input power of **10-28Vdc**. The wiring of the power connector can be found in the wiring diagram below. The HART 4In/Out communicates on Ethernet. The Ethernet connector should be wired according to industry standards which can be found in the additional information section.



Analog Input Equivalent Circuit



Analog Output Equivalent Circuit



Analog (HART) Connection to Field Device

## NETWORK SETUP

The HART 4In/Out will have DHCP enabled as factory default. This the user must use a DHCP server to assign an Ethernet network address to the module. Refer to the additional information section for DHCP servers. Once the module has been assigned an Ethernet address the user can configure the module with Aparian Slate.

## ADDITIONAL INFORMATION

The following resources contain additional information that can assist the user with the module installation and operation.

Resource	Link
Slate Installation	<a href="http://www.aparian.com/software/slate">http://www.aparian.com/software/slate</a>
User Manual, Datasheet Example Code & UDTs	<a href="http://www.aparian.com/products/hart4">http://www.aparian.com/products/hart4</a>
Ethernet wiring standard	<a href="http://www.cisco.com/c/en/us/td/docs/video/cds/cde/cde205_220_420/installation/guide/cde205_220_420_hig/Connectors.html">www.cisco.com/c/en/us/td/docs/video/cds/cde/cde205_220_420/installation/guide/cde205_220_420_hig/Connectors.html</a>
HART Communication Foundation	<a href="http://en.hartcomm.org/">http://en.hartcomm.org/</a>
Modbus	<a href="http://www.modbus.org">http://www.modbus.org</a>
DNP3	<a href="http://www.dnp.org">http://www.dnp.org</a>

## SUPPORT

Technical support will be provided via the Web (in the form of user manuals, FAQ, datasheets etc.) to assist with installation, operation, and diagnostics. For additional support the user can use either of the following:

Contact Us web link	<a href="http://www.aparian.com/contact-us">www.aparian.com/contact-us</a>
Support email	<a href="mailto:support@aparian.com">support@aparian.com</a>