aparian

HART 4

EtherNet/IP 4-Channel HART Analog Input / Output

HART to EtherNet/IP

Analog Input or Output

Supports DNP3

Supports Modbus-TCP

HART Data & Diagnostics

Onboard 1000 point trend

DTM available

The HART-4 module converts 4 analogue devices to EtherNet/IP . This allows the HART devices to be added directly into a Rockwell Automation Logix IO tree.

The HART-4 is available as either a 4-channel Input (A-HRT-4I) or 4-channel Output (A-HRT-4O) variation, allowing the device to convert both process instruments and output devices, such as valve positioners, to EtherNet/IP.

The HART-4 module is DIN-Rail mount (IP20) and is simple to install.

The module provides a rich collection of process and diagnostic information directly into Logix, without the use of any explicit messaging.

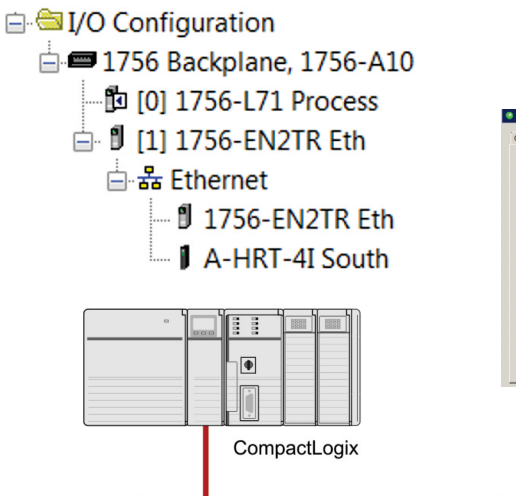


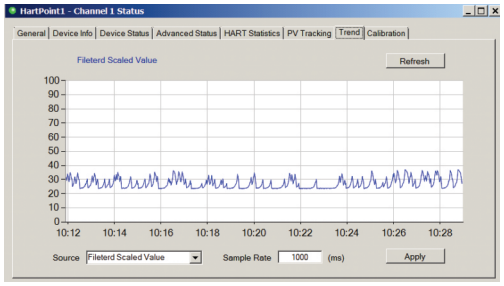


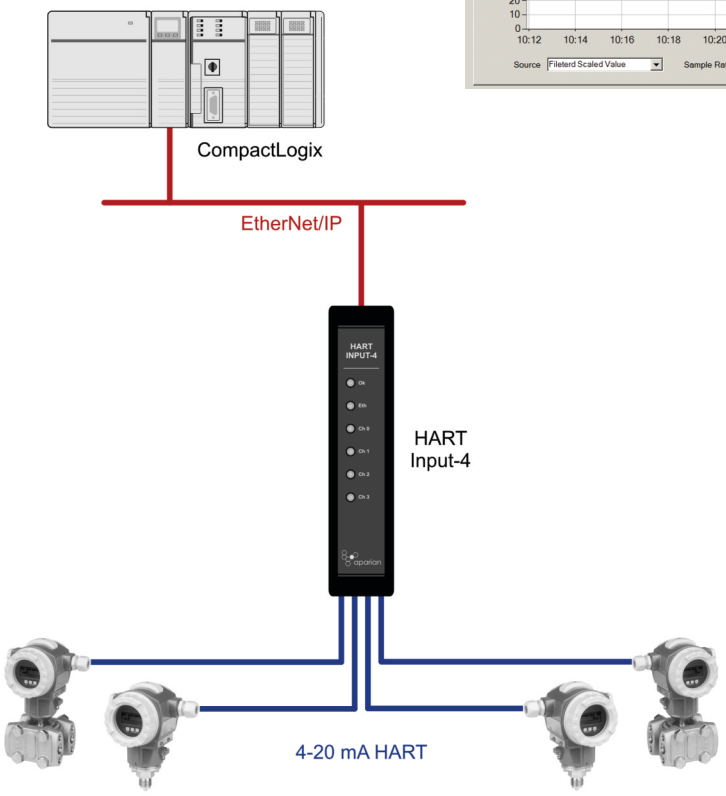
In addition to EtherNet/IP, the HART-4 module also supports Modbus-TCP (slave) and DNP3 (outstation). The DNP3 option, also supports Secure Authentication, ensuring secure communications across the Ethernet network.

Configuration of the module is fast and intuitive using the free downloadable Aparian Slate configuration utility.

A DTM (Device Type Manager) is available further simplifying device configuration and management using any FDT frame.







Specifications

EtherNet/IP™

Parameter	Rating
Power requirements	12 - 28 VDC (180mA @ 24VDC) *Depends on field device.
Operating temperature	-20 - 70 °C
Enclosure	DIN Rail mount 101mm x 22.5mm x 120mm (h x w x d)
Analog Input Resolution	12 bit (A-HRT-4I)
Analog Output Resolution	16 bit (A-HRT-4O)
Ethernet	10/100 Mbps, Full/Half Duplex, Auto-MIDX

HART-4

A-HRT-4I

A-HRT-4O

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