aparian

IP Point HART

EtherNet/IP 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

NPT & M20 options

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



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

The waterproof module is designed to screw directly into the HART field device simplifying installation. Power (24V) and Ethernet is connected to the device through the use of industry standard M12 connectors. The M12 connectors are supplied with the device and can be connected in the field.

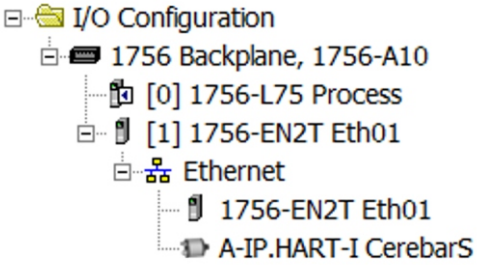
The module provides a rich collection of process and diagnostic information directly into Logix, without the use of any explicit messaging.

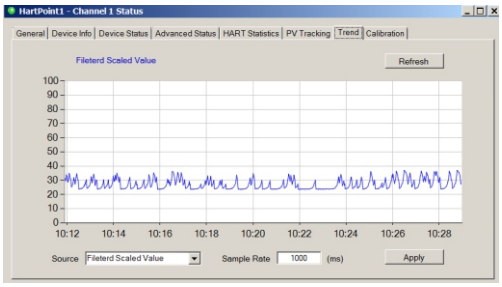


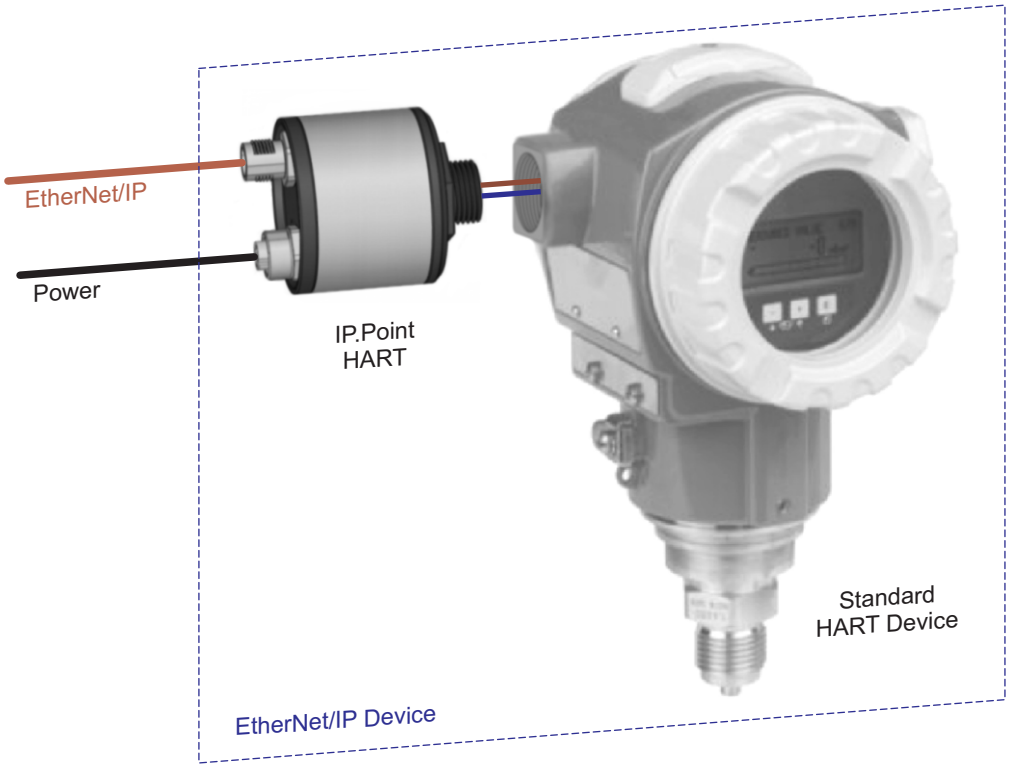
In addition to EtherNet/IP, the IP-Point-HART module also supports Modbus-TCP (slave) and DNP3 (outstation). The DNP3 option, also supports Secure Authentication, ensuring secure communications across the Ethernet network.

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.







EtherNet/IP

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CL 1 DIV 2 GRP A,B,C,D
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CE

Specifications

Parameter	Rating
Power requirements	12 - 28 VDC (70mA @ 24VDC) *Depends on field device.
Operating temperature	-20 - 70 °C
IP Rating	IP66
Analog Input Resolution	12 bit (A-IP.HART-I)
Analog Output Resolution	16 bit (A-IP.HART-O)
Ethernet	10/100 Mbps, Full/Half Duplex, Auto-MIDX

IP Point HART

A-IP.HART-I-NPT

A-IP.HART-I-M20

A-IP.HART-O-NPT

A-IP.HART-O-M20

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