

Tankvision

Inventory management

Host Link NXA822

Communicates data to other system (Modbus)



More information and current pricing:

www.ch.endress.com/NXA822

Benefits:

- A robust industrial operating system with embedded software ensures high stability and availability
- Approved for custody transfer applications according to NMI and PTB
- Modular design; easily adjustable to any application; can be upgraded as required
- Configuration, commissioning and operation via web browser; no proprietary software required
- Access for up to 10 users per Tankvision component from any connected PC - license free
- Predefined or customized operator screens for typical operation of a tank farm
- Common hardware platform for all components; no hard disc or fans - no wearout

Specs at a glance

- **Input** Connection to NXA820
- **Output** Ethernet; Modbus Ethernet; Modbus RS485

Field of application: The Host Link NXA822 provides data to host systems (such as PLC or DCS) via Modbus as one part of Tankvision. Tankvision is a tank inventory system which is operated by a standard web browser and does not require proprietary software or licensing costs. Tankvision is based on a distributed architecture on a local area network (LAN). Due to its modular structure it is ideally suited for small tank farms with only a couple of tanks, but also for large refineries with hundreds of tanks.

Features and specifications

Fieldbus components

Measuring principle

Communication Interface

Function

Host link

Communicates data to other system (Modbus). Up to 6 Tank Scanner can be assigned to one Host Link (up to 90 tanks). The inbuild web server enables the user to configure the device.

Input

Connection to NXA820

Output

Ethernet; Modbus Ethernet; Modbus RS485

Relay output signal type

Status relais with switching power:

- 25 VDC, 100 W
 - 250 VAC, 4 A, 1000VA
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Power supply

AC: 90...250 VAC

DC: 10.5...32 VDC

Dimensions (WxHxD)

150x104x140 mm (5.9x4.1x5.5 in)

Configuration

Via web server

Continuous / Liquids

Measuring principle

Level radar

Continuous / Liquids

Characteristic / Application

Host link

Communicates data to other system (Modbus). Up to 10 tank scanners can be assigned to one host link (up to 150 tanks). The inbuild web server enables the user to configure the device.

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