

# Tankvision Inventory management Host Link NXA822

Communicates data to other system (Modbus)



## 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

More information and current pricing:

[www.be.endress.com/NXA822](http://www.be.endress.com/NXA822)

## 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.

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## Features and specifications

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### Continuous / Liquids

**Measuring principle**

Level radar

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**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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### Fieldbus components

**Measuring principle**

Level radar

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**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.

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**Input**

Connection to NXA820

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**Output**

Ethernet; Modbus Ethernet; Modbus RS485

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**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

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**Dimensions (WxHxD)**

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

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## Fieldbus components

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### Configuration

Via web server

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