

# Tankvision Inventory management Tank Scanner NXA820

## Acquires data from field instruments



### 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/NXA820](http://www.be.endress.com/NXA820)

### Specs at a glance

- **Input** Modbus RS485; V1; WM550
- **Output** Ethernet; OPC DA Server (installed on a separate PC)

**Field of application:** The Tank Scanner NXA820 scans parameters from tank gauges and performs tank calculations 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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### Fieldbus components

**Measuring principle**

Communication Interface

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**Function**

Tank Scanner

Acquires data from Field Instruments (15 Tanks with Modbus or WM550 protocols and 10 with the V1 protocol). The inbuilt web server enables the user to visualize the incoming data as well as the calculated values and configure the device.

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**Input**

Modbus RS485; V1; WM550

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**Output**

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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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**Configuration**

Via web server

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### Continuous / Liquids

**Measuring principle**

Level radar

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## Continuous / Liquids

### Characteristic / Application

Tank Scanner

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