

# Tankvision Inventory management Data Concentrator NXA821

## Consolidates data from connected Tank Scanners NXA820



### 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/NXA821](http://www.be.endress.com/NXA821)

### Specs at a glance

- **Input** Connection to NXA820
- **Output** Ethernet; Serial Printer port according to PTB

**Field of application:** The Data Concentrator NXA821 summarizes data from various Tank Scanners NXA820 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**

Data Concentrator

Consolidate data from connected Tankvision NXA820. Up to 10 tank scanners can be assigned to one data concentrator (up to 150 tanks). 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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### Fieldbus components

**Measuring principle**

Communication Interface

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**Function**

Data Concentrator

Consolidate data from connected Tank Scanners NXA820. Up to 6 Tank Scanner can be assigned to one Data Concentrator (up to 90 tanks). 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**

Connection to NXA820

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**Output**

Ethernet; Serial Printer port according to PTB

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**Relay output signal type**

Status relay 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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Fieldbus components

**Dimensions (WxHxD)**

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

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**Configuration**

Via web server

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