

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.at.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.

Features and specifications

Fieldbus components

Measuring principle

Communication Interface

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.

Input

Connection to NXA820

Output

Ethernet; Serial Printer port according to PTB

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

Dimensions (WxHxD)

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

Configuration

Via web server

Continuous / Liquids

Measuring principle

Level radar

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.

More information www.at.endress.com/NXA821