

Fluid Inventory Control Nex-U.® U-tank

Provides real-time inventory control, reducing concerns about running out of inventory or used fluid tanks overflow.



U-tank

Features

U-tank is a monitor module capable of controlling two tanks using digital or analog level gauges. Can be connected to solenoid valves to control pump operation, and to external warning devices.

U-tank has two independent graphic displays and level bars, where the inventory available in each tank can be checked. It also has a set-up keypad for inventory adjustment if required⁽¹⁾.

See pg. 124 for probes and alarm

COMPONENT TECHNICAL DATA		MODEL AVAILABLE	
Function	Monitor tank fluid levels	3110-105	U-tank tank monitoring module. Can control up to two tanks. Supports CAN BUS communications. 110 - 240 V
Requirements	- Requires 110 V		
Power	110 -240 V AC supply		
Service Bulletin	SB 3807		

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The number of input and output ports are:

- One analog input per tank for a pressure probe with 4-20 mA or 0-10V
- Three digital inputs per tank for a low, intermediate or high-level probe ⁽¹⁾
- One output per tank for a solenoid valve to control air supply to each pump
- One output per tank for an electro-pneumatic valve to prevent tank overflow
- One output for controlling an air solenoid valve to stop the air supply to all pumps when the workshop is closed
- One output per tank for controlling a flash warning light or an acoustic alarm

U-tank supports CAN BUS wired communication with other NEX-U.® system components plus Wi-Fi® with optional CAN BUS to Wi-Fi® converter.

(1) The use of digital probes does not allow real-time inventory monitoring. NEX-U.® will use declining balance for inventory control and will require manual inventory adjustment when fluid is supplied to the tank.

Only for connection with U-dat, U-valve, or an adjacent U-meter. Requires a 24 V DC solenoid valve.