

Fluid Inventory Control

Nex-U.® U-valve & U-valve+

U-valve & U-valve+ Description

- 1.1. Reduces installation time and eliminates the risk of leaks when using separate components
- 1.2. It has a large, high visibility LED display which shows the U-valve number assigned in the system and the U-valve operation
- 1.3. Four different LED lights that show the U-valve operation for diagnosis and two buttons for system configuration
- 1.4. U-valve supports CAN BUS cable communication that transmits data and the electric power required to open the solenoid valve and Bluetooth® connection to a U-vision or a U-vision+ fluid handle with display
- 1.5. U-valve+ includes Wi-Fi® communications for data transmission to other system components

U-valve & U-valve+ Specifications:

Component Technical Data

- 2.1. All U-valves will have Controls on/off function, Dispense flow controls and monitors, and Communicates data to U-net system
- 2.2. All U-valves will require U-power/U-power+ or U-dat/U-dat power+ power supply units
- 2.3. All U-valves will require 24 V DC supplied by a U-dat or a U-power module

Product Specifications

- 2.4. All U-valves have connection threads of 1/2" NPT(F)
- 2.5. All U-valves have a inlets of 1/2" NPT(F)
- 2.6. All U-valves have a flow range of 1-32 qt/min (1-30 l/min)
- 2.7. All U-valves have a accuracy of +/- 0.5 %
- 2.8. All U-valves have a maximum working pressure of 1,450 psi (100 bar)
- 2.9. All U-valves have a 24 VDC solenoid valve

Materials

The wetted materials will consist of Aluminum, NBR, stainless steel, acetal

Warranty

- 4.1. All U-valve & U-valve+ will have 1-year standard warranty on defects in materials and workmanship only.